

## Weekly Return of Traffic Receipts on Indian Railways.

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 23rd April 1887, on 1,519 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	256,937	2,85,352 2 0	27,42,842 20	7,03,004 2 0	17,822 7 0	10,06,778 11 0	70,586½	114,320½	184,907
Or per mile of railway	187 13 8	187 13 8	.....	463 3 3	11 11 9	662 12 8	.....	.....	.....
For previous 15 weeks of half-year	3,822,889	44,88,911 13 0	3,96,16,158 10	1,02,85,015 4 7	2,76,362 11 9	1,50,50,229 13 4	1,034,556½	1,675,549½	2,710,106½
Total for 16 weeks	4,079,826	47,74,263 15 0	4,23,59,000 30	1,09,88,619 6 7	2,94,125 2 9	1,60,57,008 8 4	1,105,143	1,780,870½	2,885,013½
COMPARISON.									
Total for corresponding week of previous year	254,960	2,79,284 8 6	29,50,310 0	7,15,350 13 6	21,780 0 5	10,16,415 6 5	64,032	122,718	186,750
Or per mile of railway corresponding week of previous year	.....	184 5 7	.....	472 2 10	14 6 0	670 14 5	.....	.....	.....
Total to corresponding date of previous year	3,877,620	46,30,371 4 0	4,40,36,068 10	1,08,82,426 2 0	3,51,507 11 5	1,58,64,395 1 5	1,093,214	1,833,362	2,926,576

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 24TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 23RD APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 24TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 23RD APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
1,519	Rs. 10,16,415	671	1,519	Rs. 10,06,779	663	1,515	Rs. 34,51,726	2,278	1,519	Rs. 32,95,175	2,169	.....	1,56,551

## PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 23rd April 1887, on 57½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	12,653	5,946 13 0	55,367 30	4,151 0 0	45 0 0	15,142 13 0	1,628	823	2,451
Or per mile of railway	221	103 15 5	968 0	72 9 2	0 12 7	177 6 9	.....	.....	.....
For previous 15 weeks of half-year	207,136	1,13,033 9 0	8,67,692 30	49,059 3 9	851 4 6	1,62,943 1 3	26,154	14,115	40,269
Total for 16 weeks	219,789	1,18,980 6 0	8,63,060 20	53,209 3 9	896 4 6	1,73,085 14 3	27,782	14,938	42,720
COMPARISON.									
Total for corresponding week of previous year	12,230½	5,871 1 9	62,880 20	5,945 1 0	16 2 9	11,832 5 6	1,485	1,329	2,814
Or per mile of railway corresponding week of previous year	214	102 10 3	1,099 20	103 15 0	0 4 6	206 13 9	.....	.....	.....
Total to corresponding date of previous year	217,350½	1,18,448 1 7	8,43,132 20	69,256 8 0	853 14 6	1,79,558 8 1	28,163	14,151	2,254

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 24TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 23RD APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 24TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 23RD APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
57½	Rs. 11,832	207	57½	Rs. 10,143	177	57½	Rs. 46,158	807	57½	Rs. 35,942	628	.....	10,216

## DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 23rd April 1887, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,204	533 15 0	20,585 0	638 10 0	11 8 0	1,184 1 0	330½	163	493½
Or per mile of railway ...	.....	44 7 11	.....	53 3 6	0 15 4	98 10 9	.....	.....	.....
For previous 15 weeks of half-year ...	42,547	7,341 6 0	3,06,595 0	7,546 3 0	96 13 3	14,984 6 3	5,175	2,298	7,473
Total for 16 weeks ...	45,751	7,875 5 0	3,27,180 0	8,184 13 0	108 5 3	16,168 7 3	5,505½	2,461	7,966½
COMPARISON.									
Total for corresponding week of previous year ...	3,266½	573 8 8	22,236 30	706 1 0	90 0 0	1,869 9 8	273	290	563
Per mile of railway corresponding week of previous year ...	.....	47 12 9	.....	59 13 5	7 8 0	114 2 2	.....	.....	.....
Total to corresponding date of previous year ...	42,919	7,339 6 10	5,71,667 30	8,315 6 0	683 5 0	16,338 1 10	3,365	4,839	8,204

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 24TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 23RD APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 24TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 23RD APRIL 1887.			Total increase in 1887.	Total decrease 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
12	Rs. 1,370	Rs. 114	12	Rs. 1,184	Rs. 99	12	Rs. 4,101	Rs. 342	12	Rs. 3,580	Rs. 298	.....	Rs. 521

## SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 23rd April 1887, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	6,730	4,937 12 0	94,337 20	3,662 2 0	115 6 0	8,715 4 0	696	1,309½	2,005½
Or per mile of railway ...	.....	66 0 3	.....	48 15 4	1 8 8	116 8 3	.....	.....	.....
For previous 15 weeks of half-year ...	86,794	66,768 9 9	15,46,229 20	72,091 14 0	1,443 4 9	1,40,303 11 9	11,449½	18,080½	29,530
Total for 16 weeks ...	93,524	71,706 5 0	16,40,567 0	75,754 0 0	1,558 10 9	1,40,018 15 9	12,145½	19,380½	31,526
COMPARISON.									
Total for corresponding week of previous year ...	5,738	4,102 12 5	1,15,701 20	5,851 2 0	-18 14 6	9,934 15 11	672	1,195	1,867
Per mile of railway corresponding week of previous year ...	.....	54 13 7	.....	78 3 7	-0 4 0	132 13 2	.....	.....	.....
Total to corresponding date of previous year ...	91,170½	74,015 7 5	14,06,465 0	69,433 12 0	1,627 5 6	1,36,076 8 11	20,037	18,737	38,774

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 24TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 23RD APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 24TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 23RD APRIL 1887.			Total increase in 1887.	Total decrease 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
74½	Rs. 9,935	Rs. 133	74½	Rs. 8,715	Rs. 117	74½	Rs. 29,269	Rs. 91	74½	Rs. 28,084	Rs. 376	.....	Rs. 1,185

## TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 23rd April 1887, on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	16,152	4,404 1 0	7,324 10	272 10 0	7 0 0	4,683 11 0	917	51	968
Or per mile of railway ...	.....	197 15 0	.....	12 4 1	0 5 0	210 8 1	.....	.....	.....
For previous 15 weeks of half-year ...	315,629	87,450 15 0	1,31,503 30	4,361 13 0	100 13 3	91,913 9 3	14,422	632	15,054
Total for 16 weeks ...	331,781	91,855 0 0	1,33,828 0	4,634 7 0	107 13 3	96,597 4 3	15,339	683	16,022
COMPARISON.									
Total for corresponding week of previous year ...	22,473½	6,117 6 0	10,407 30	396 14 0	11 8 3	6,525 12 3	949	63	1,012
Per mile of railway corresponding week of previous year ...	.....	274 15 0	.....	17 13 5	6 8 3	293 4 8	.....	.....	.....
Total to corresponding date of previous year ...	341,727	91,404 9 8	1,89,276 20	6,420 8 0	114 11 11	97,939 13 7	16,723	2,237	18,960

Approximate Statement of gross receipts of the Tarkeessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 24TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 23RD APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 24TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 23RD APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
22½	6,526	293	22½	4,684	211	22½	25,641	1,152	22½	24,144	1,085	.....	1,497

## INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 23rd April 1887, on 42 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,365	1,289 12 0	40,792 20	2,977 6 0	43 0 0	4,310 2 0	174	624	798
Or per mile of railway ...	.....	30 11 4	.....	70 14 3	1 0 4	102 9 11	.....	.....	.....
For previous 15 weeks of half-year ...	38,185	18,002 7 0	7,56,804 30	59,452 15 0	508 0 9	68,063 6 3	2,958	8,970	11,928
Total for 16 weeks ...	41,550	19,292 8 0	7,97,597 10	63,430 5 0	551 0 9	73,273 8 9	3,132	9,594	12,726
COMPARISON.									
Total for corresponding week of previous year ...	2,458½	1,152 12 6	11,059 20	—597 14 0	26 15 3	581 13 9	359	229	588
Per mile of railway corresponding week of previous year ...	.....	27 7 2	.....	—14 3 9	0 10 3	13 13 8	.....	.....	.....
Total to corresponding date of previous year ...	7,081	3,278 8 3	52,096 30	3,644 10 0	84 15 0	7,008 1 3	1,043	973	2,016

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 24TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 23RD APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 24TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 23RD APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
42	582	14	42	4,310	103	42	7,008	167	42	13,184	314	6,176	.....

## NALHATI STATE RAILWAY.

*Approximate Return of Traffic for the week ending 23rd April 1887, on 27½ miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,803½	1,075 8 3	7,015 0	494 15 ½	10 13 0	1,581 4 4	509	254	763
Or per mile of railway ...	103	39 7 0	257 0	18 3 0	0 6 0	58 0 0	.....	.....	.....
For previous 15 weeks of half-year ...	45,687½	17,053 7 9	2,13,576 0	11,896 0 11	436 3 0	29,385 11 8	7,707	5,470	13,186
Total for 16 weeks ...	48,491	18,129 0 0	2,20,591 0	12,391 0 0	447 0 0	30,967 0 0	8,216	5,733	13,949
COMPARISON.									
Total for corresponding week of previous year ...	2,386	1,036 11 2	12,053 10	834 1 0	38 11 6	1,909 7 8	509	254	763
Per mile of railway corresponding week of previous year ...	88	38 1 0	442 0	30 9 0	1 7 6	70 1 0	.....	.....	.....
Total to corresponding date of previous year ...	42,182	16,609 15 8	1,42,975 0	10,690 13 6	345 5 0	27,562 2 2	8,289	4,555	12,844

## FINANCIAL YEAR.

*Approximate Statement of gross receipts of the Nalhati State Railway.*

RECEIPTS FOR WEEK ENDING 24TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 23RD APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 24TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 23RD APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
27½	1,909	70	27½	1,581	58	27½	7,006	257	27½	7,106	261	190	.....





# SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, MAY 11, 1887.

## OFFICIAL PAPERS.

*Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

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### DISTRICT ROAD FUND.

No. 1335R.C.

GOVERNMENT OF BENGAL—PUBLIC WORKS DEPARTMENT.

ROAD CESS.

*Dated Calcutta, the 3rd May 1887.*

READ—

Letter from the Accountant-General, Bengal, No. 73L.F., dated the 26th April 1887, submitting an abstract of receipts and expenditure of the several District Road Committees in Bengal for the quarter ending the 31st December 1886.

### RESOLUTION.

THE Lieutenant-Governor directs that the accounts of the receipts and expenditure of the several District Road Committees for the first quarter of the cess year 1886-87 be published in the *Calcutta Gazette* and circulated to the officers concerned.

ORDER.—Ordered that a copy of this resolution, together with a copy of the abstract of receipts and expenditure, be published in the Supplement to the *Calcutta Gazette*.

Ordered also that a copy of this resolution, and of the abstract referred to, be forwarded to all Commissioners of Divisions, to all Superintending Engineers of Public Works Circles in Bengal, and to the Financial Department of this Government, for information.

By order of the Lieutenant-Governor of Bengal,

W. B. BESTIC,

*Under-Secretary to the Govt. of Bengal,*

*P. W. Dept.*

## DISTRICT

## Statement of Receipts and Expenditure of the several Districts

DISTRICTS.	Balance in treasury on 1st October 1886.	PROVINCIAL RATES.					Interest on arrears of road cess.	Road tolls.
		Cess on lands.	Cess on mines and railways.	Cess on houses.	One per cent. road cess.	Total.		
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
CESS DISTRICTS.	1 Dinagore	26,959 3 10	7,404 1 9	.....	.....	7,404 1 9	41 9 3	.....
	Rungpore	40,069 5 1	11,865 10 9	.....	.....	11,865 10 9	155 10 3	.....
	Bogra	29,946 3 8	3,944 8 1	.....	.....	3,944 8 1	17 4 0	.....
	Darjeeling	19,017 14 0	1,145 15 2	55 3 0	.....	1,201 2 2	.....	.....
	5 Julpigoree	7,632 7 8	9,708 4 8	.....	.....	9,708 4 8	158 12 5	.....
	Backergunge	46,285 3 5	6,872 6 3	.....	.....	6,872 6 3	296 6 2	.....
	Tipperah	53,332 1 4	13,222 0 3	.....	.....	13,222 0 3	318 8 10	.....
	Mymensingh	74,387 1 0	10,008 8 9	.....	.....	10,008 8 9	332 5 10	.....
	Chittagong	40,167 5 6	12,563 3 3	.....	.....	12,563 3 3	190 10 0	.....
	10 Noakholly	19,834 9 0	4,626 7 5	.....	.....	4,626 7 5	115 7 3	.....
	Gya	12,266 3 11	34,341 7 0	4 11 0	.....	34,346 2 0	1,261 1 2	.....
	Shahabad	51,939 12 3	17,786 5 11	.....	.....	17,786 5 11	1,301 12 10	.....
	Mozufferpore	14,105 11 3	19,082 1 3	.....	.....	19,082 1 3	279 4 0	.....
	Durbhanga	1,21,220 14 2	9,615 3 10	.....	.....	9,615 3 10	243 1 10	.....
	15 Saran	1,46,090 0 2	23,939 13 6	.....	.....	23,939 13 6	394 2 11	.....
	Chumpanun	10,060 9 4	12,912 1 9	.....	.....	12,912 1 9	266 7 10	.....
	Monghyr	53,538 5 0	14,457 11 8	.....	.....	14,457 11 8	268 4 9	.....
	Bhagulpur	35,967 8 2	9,447 7 6	.....	.....	9,447 7 6	119 4 6	.....
	Purneah	29,596 8 11	4,495 0 4	.....	.....	4,495 0 4	8 10 5	.....
	20 Maldah	17,538 3 4	4,198 8 9	.....	.....	4,198 8 9	45 0 11	.....
	Cuttack	18,270 0 3	29,288 4 11	.....	.....	29,288 4 11	239 5 3	.....
	Poorree	889 0 2	2,994 7 9	.....	.....	2,994 7 9	98 5 8	.....
	Balasore	8,206 4 5	14,158 2 11	.....	.....	14,158 2 11	247 4 8	.....
	Hazaribagh	17,046 5 0	10,736 0 3	.....	.....	10,736 0 3	10 5 10	.....
	25 Lohardugga	11,095 5 2	15,431 12 7	.....	.....	15,431 12 7	8 4 9	.....
	Manbhoom	18,332 3 5	3,975 13 11	142 7 6	.....	4,118 5 6	33 1 4	.....
Total		9,23,775 5 5	3,08,241 10 2	202 5 6	.....	3,08,443 15 8	6,360 8 8	.....
NON-CESS DISTRICTS.	Chittagong Hill Tracts	2,118 3 5	.....	.....	.....	.....	.....	.....
	Sonthal Pergunnahs	20,407 7 3	.....	.....	.....	.....	.....	.....
	29 Singbhoom	9,650 4 9	.....	2 3 9	.....	2 3 9	.....	.....
Total		32,175 15 5	.....	2 3 9	.....	2 3 9	.....	.....
GRAND TOTAL		9,55,951 4 10	3,08,241 10 2	204 9 3	.....	3,08,446 3 5	6,360 8 8	.....

FORT WILLIAM,

The 28th March 1887.

IPTS.

WORKS.		IRRIGATION.		MISCELLANEOUS.			DISTRICTS.
Ferry tolls.	Total.	Canal tolls.	Rent of serais and staging bungalows.	Fees, fines, and forfeitures.	Miscellaneous.	Total.	
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
.....	.....	.....	20 8 0	25 2 0	75 7 6	100 9 6	Dinagopore ... 1
.....	.....	.....	.....	869 1 9	-332 14 6	556 11 3	Rungpore ...
.....	.....	.....	.....	.....	689 7 0	689 7 0	Bogra ...
.....	.....	.....	199 6 0	1 0 0	450 0 0	650 6 0	Darjeeling ...
.....	.....	.....	.....	417 10 9	84 13 6	502 8 3	Jalpigoree ... 5
.....	.....	.....	.....	243 0 7	1,592 13 0	1,745 13 7	Backersunge ...
.....	.....	.....	.....	143 0 6	.....	143 0 6	Tipperah ...
.....	.....	1,613 4 0	3 0 0	47 4 0	827 1 9	877 6 9	Mymensingh ...
.....	.....	.....	.....	14 8 0	9 14 3	24 6 3	Chittagong ...
.....	.....	.....	31 2 0	378 10 3	194 5 9	604 2 0	Noakholly ... 10
.....	.....	.....	133 8 0	477 13 0	0 10 0	611 15 0	Gya ...
.....	.....	.....	314 8 0	59 12 0	15 0 0	386 4 0	Shahabad ...
.....	.....	.....	147 0 0	668 12 0	80 0 0	895 12 0	Mozufferpore ...
.....	.....	.....	165 4 0	51 12 0	36 9 0	253 9 0	Durbbhunga ...
.....	.....	.....	.....	1,531 8 0	32 5 0	1,563 13 0	Sarun ... 15
.....	.....	.....	.....	926 1 6	83 10 0	1,009 11 6	Chumparan ...
.....	.....	.....	.....	6 0 0	236 12 4	242 12 4	Monehyr ...
.....	.....	.....	8 0 0	1 0 0	300 0 0	309 0 0	Bhagulpur ...
18 4 0	18 4 0	.....	.....	2 0 0	1 4 0	3 4 0	Purneah ...
.....	.....	.....	.....	114 11 7	1,071 4 8	1,205 12 0	Maldah ... 20
.....	.....	.....	.....	3 0 0	98 2 10	101 2 10	Cuttack ...
.....	.....	.....	.....	35 0 0	73 0 0	124 5 0	Pooree ...
.....	.....	.....	.....	66 8 0	10 5 3	127 13 3	Balasore ...
.....	.....	.....	39 9 3	31 8 0	1 14 0	73 0 0	Hazaribagh ...
.....	.....	.....	844 1 0	0 12 0	0 6 0	845 3 0	Lohardugga ... 25
.....	.....	.....	.....	.....	.....	.....	Manbhoom ...
18 4 0	18 4 0	1,613 4 0	2,112 1 10	7,044 14 0	4,490 11 2	13,647 11 0	Total.
.....	.....	.....	119 0 0	7 0 0	210 15 3	336 15 3	Chittagong Hill Tracts ...
.....	.....	.....	.....	.....	.....	.....	Sonthal Pergunnahs ...
.....	.....	.....	.....	.....	.....	.....	Singbhoom ... 29
.....	.....	.....	119 0 0	7 0 0	210 15 3	336 15 3	Total.
18 4 0	18 4 0	1,613 4 0	2,231 1 10	7,051 14 0	4,701 10 5	13,984 10 3	GRAND TOTAL.

Cess Districts.

Non-Cess Districts.

DISTRICTS.	Grant from Government.	SUSPENSE ACCOUNT.			Total receipts.
		Advances.	Deposits.	Total.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	(Rs. A. P.)
<b>CESSE DISTRICTS.</b>					
1 Dinagepore ... ..	.....	3,138 10 8	.....	3,138 10 8	10,084 15 2
Bungpore ... ..	.....	13,732 0 6	.....	13,732 0 6	26,310 0 9
Bogra ... ..	.....	774 2 3	29 5 0	803 7 3	5,454 10 4
Darjeeling ... ..	503 4 6	.....	.....	.....	1,704 6 8
5 Julpigoree ... ..	125 0 0	2,327 11 3	.....	2,327 11 3	12,976 2 4
Backergunge ... ..	.....	2,427 15 4	.....	2,427 15 4	10,699 4 0
Tippurah ... ..	.....	559 7 10	.....	559 7 10	15,845 14 6
Mymensingh ... ..	1,025 0 0	661 10 6	4,571 0 0	5,236 10 6	16,741 9 7
Chittagong ... ..	.....	7,785 11 8	.....	7,785 11 8	23,030 2 8
10 Noakhelly ... ..	.....	900 11 11	498 0 0	1,398 11 11	6,125 0 10
Gya ... ..	.....	5,050 8 6	485 0 0	5,535 8 6	41,755 13 8
Shahabad ... ..	.....	2,152 12 3	81 2 0	2,233 14 3	21,334 0 0
Mozufferpore ... ..	850 0 0	3 0 0	780 5 3	783 5 3	21,386 14 6
Durthunga ... ..	.....	142 4 3	190 1 9	332 6 0	11,086 7 8
15 Sarun ... ..	.....	12,217 4 11	556 0 0	12,773 4 11	37,350 14 4
Chumparun ... ..	.....	1,953 15 11	.....	1,953 15 11	16,636 6 6
Monghyr ... ..	268 2 3	5,177 3 0	82 0 0	5,259 3 0	21,203 1 2
Bhagulpur ... ..	112 15 5	1,550 8 4	8,432 15 11	9,993 8 3	19,886 0 0
Purneah ... ..	.....	560 4 9	.....	560 4 9	5,391 3 6
20 Maldah ... ..	.....	256 14 3	.....	256 14 3	4,563 11 11
Cuttack ... ..	.....	.....	.....	.....	30,733 6 2
Poorce ... ..	1,744 8 0	1,255 10 9	.....	1,255 10 9	6,194 8 6
Balasure ... ..	.....	188 0 0	.....	188 0 0	14,717 12 7
Hazaribagh ... ..	.....	203 14 6	655 0 0	858 14 6	11,733 1 10
25 Lohardugga ... ..	.....	229 0 6	920 0 0	1,149 10 0	16,662 11 4
Manbhoom ... ..	.....	118 5 6	.....	118 5 6	5,114 15 3
<b>Total</b> ... ..	4,628 14 2	63,357 6 10	17,280 13 11	80,638 4 9	4,15,350 14 5
<b>NON-CESSE DISTRICTS.</b>					
Chittagong Hill Tracts ... ..	.....	48 0 6	973 0 0	1,021 0 6	1,021 0 6
Sonthal Pergunnahs ... ..	1,636 0 0	100 0 0	50 0 0	150 0 0	2,122 15 3
29 Singbhoom ... ..	.....	230 0 0	.....	230 0 0	232 3 9
<b>Total</b> ... ..	1,636 0 0	378 0 6	1,023 0 0	1,401 0 6	3,376 3 6
<b>GRAND TOTAL</b> ... ..	6,264 14 2	63,735 7 4	18,303 13 11	82,039 5 3	4,18,727 1 9



1 P.T.S.

Balance of imprest in hands of Engineer and others decreased.	Balance of uncashed cheques increased.	Total receipts, including balance.	Outlay.	Balance in treasury on 31st December 1880.	DISTRICTS.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
.....	255 2 6	37,899 5 6	14,489 13 7	23,409 7 11	Dinapore ... .. 1
.....	.....	66,370 5 10	27,169 13 6	39,209 8 4	Rangpore ... .. 1
.....	.....	35,400 14 0	12,351 5 10	23,049 8 2	Bozra ... .. 1
.....	2,796 0 6	23,518 5 2	6,673 5 5	16,844 15 9	Darjeeling ... .. 5
.....	1,170 7 6	21,773 1 6	13,504 6 1	8,268 11 5	Jalpaigore ... .. 5
350 2 0	.....	66,714 9 5	17,460 2 10	39,254 6 7	Backergunge ... .. 5
.....	.....	69,177 15 10	7,257 1 11	61,920 13 11	Tipperah ... .. 5
.....	.....	91,128 10 7	39,011 0 3	52,117 10 4	Mymensingh ... .. 5
.....	.....	63,197 8 2	56,196 8 2	7,001 0 0	Chittagong ... .. 10
.....	.....	26,019 9 10	11,025 14 11	14,993 10 11	Nonakholy ... .. 10
.....	.....	54,022 1 7	41,297 14 2	12,724 3 5	Gya ... .. 15
.....	.....	73,873 12 3	38,310 15 9	35,562 12 6	Shahabad ... .. 15
.....	.....	35,486 9 9	24,114 3 0	11,372 6 9	Mozufferpore ... .. 15
.....	.....	1,32,307 5 10	38,106 12 9	94,200 9 1	Durbhunga ... .. 15
.....	.....	1,83,440 14 6	45,259 15 0	1,38,180 15 6	Sarun ... .. 15
.....	2,071 13 5	28,768 13 3	21,570 5 2	7,198 8 1	Chumpanan ... .. 15
.....	.....	74,801 6 2	42,703 9 6	32,097 12 8	Monghyr ... .. 15
.....	.....	55,853 8 2	34,046 12 11	21,806 11 3	Bhagulpur ... .. 15
.....	.....	34,897 12 5	14,333 8 5	20,564 4 0	Purneah ... .. 15
.....	.....	22,041 15 3	6,369 5 5	15,681 9 10	Maldah ... .. 20
.....	.....	49,003 6 5	8,696 0 1	40,307 6 4	Cuttack ... .. 20
.....	.....	7,083 3 2	2,697 7 11	4,385 11 3	Poorce ... .. 20
.....	.....	22,984 1 0	10,869 4 2	12,114 12 10	Balasore ... .. 25
.....	.....	28,779 6 10	18,891 6 0	14,918 0 10	Hazaribagh ... .. 25
.....	.....	27,758 0 6	11,514 11 11	16,243 4 7	Lohardugga ... .. 25
.....	.....	23,447 2 8	5,479 1 7	17,968 1 1	Manbhoom ... .. 25
350 2 0	6,293 7 11	13,45,749 13 7	5,63,752 14 3	7,81,996 15 4	Total.
.....	.....	3,139 3 11	2,532 9 3	606 10 8	Chittagong Hill Tracts ... .. 29
13 3 0	.....	22,630 6 6	10,138 11 8	12,391 10 10	Sonthal Pergunnahs ... .. 29
.....	.....	9,895 11 6	3,628 3 4	6,267 8 2	Singbhoom ... .. 29
13 3 0	.....	35,565 5 11	16,239 8 3	19,265 13 8	Total.
343 5 0	6,293 7 11	13,87,315 3 6	5,80,052 6 6	8,01,262 13 0	GRAND TOTAL.

Cess Districts.

Non-Cess Districts.

## EXPEN

DISTRICTS.	REFUNDS.			PROVINCIAL RATES.	ADMINISTRATION.		
	Cess.	Other receipts.	Total.	Establishment and contingencies of office of collection.	Establishment and contingencies of Committee's office.	Percentage cost of establishment for offices of account and control.	Total.
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1 Dinagepore ... ..	.....	2 1 6	2 1 6	512 12 11	270 8 0	.....	270 8 0
Rungpore ... ..	.....	492 14 9	492 14 9	914 9 9	1,241 12 10	.....	1,241 12 10
Bogra ... ..	.....	.....	.....	469 5 10	263 14 0	.....	263 14 0
Darjeeling ... ..	.....	.....	.....	299 7 0	324 12 6	.....	324 12 6
5 Julpurree ... ..	.....	.....	.....	333 0 0	334 3 0	.....	334 3 0
Backergunge ... ..	.....	96 14 9	96 14 9	3,593 4 2	444 0 0	.....	444 0 0
Tipperah ... ..	.....	23 0 6	23 0 6	1,331 12 11	428 8 8	.....	428 8 8
Mymensingh ... ..	.....	.....	.....	1,325 8 9	559 11 6	.....	559 11 6
Chittagong ... ..	.....	.....	.....	6,196 3 3	326 2 11	.....	326 2 11
10 Noakholly ... ..	.....	.....	.....	823 14 4	319 15 0	.....	319 15 0
Gya ... ..	.....	173 8 9	173 8 9	2,633 0 8	739 9 1	.....	739 9 1
Shahabad ... ..	.....	49 2 0	49 2 0	1,627 3 3	348 4 2	.....	348 4 2
Mozufferpore ... ..	.....	.....	.....	859 15 4	912 12 0	41 10 8	954 6 8
Durbhunga ... ..	.....	.....	.....	1,229 15 5	466 11 0	.....	466 11 0
15 Saran ... ..	.....	.....	.....	1,030 0 0	743 7 8	.....	743 7 8
Chumparan ... ..	.....	.....	.....	1,422 12 3	243 7 0	.....	243 7 0
Monghyr ... ..	.....	.....	.....	784 6 0	541 3 0	.....	541 3 0
Rhagulpur ... ..	.....	.....	.....	620 4 0	520 12 3	.....	520 12 3
Purneah ... ..	.....	.....	.....	413 12 1	272 10 9	.....	272 10 9
20 Maldah ... ..	.....	.....	.....	351 15 6	250 11 0	.....	250 11 0
Cuttack ... ..	.....	8 9 9	8 9 9	1,065 15 7	224 0 0	.....	224 0 0
Poorce ... ..	.....	.....	.....	270 7 6	494 9 2	.....	494 9 2
Balasore ... ..	.....	.....	.....	570 2 0	175 16 0	.....	175 16 0
Hazaribagh ... ..	.....	450 0 0	450 0 0	231 2 3	245 12 0	29 3 0	216 8 9
25 Jharkhandga ... ..	.....	.....	.....	431 13 8	39 13 8	.....	39 13 8
Manbhoom ... ..	.....	.....	.....	225 0 0	273 15 9	.....	273 15 9
Total ... ..	.....	1,296 4 0	1,296 4 0	29,583 13 5	11,006 12 11	12 7 5	11,019 4 4
NON-CESS DISTRICTS.							
Chittagong Hill Tracts ... ..	.....	.....	.....	.....	255 4 0	.....	255 4 0
29 Sonthal Pergunnabs ... ..	.....	.....	.....	.....	68 3 0	.....	68 3 0
Singbhoom ... ..	.....	.....	.....	.....	.....	.....	.....
Total ... ..	.....	.....	.....	.....	323 7 0	.....	323 7 0
GRAND TOTAL ... ..	.....	1,296 4 0	1,296 4 0	29,583 13 5	11,330 3 11	12 7 5	11,342 11 4

DITURE.

STATIONERY.		PUBLIC WORKS.							
Stationery and printing.	Original works.	Repairs.	Establishment.	Tools and plant.	Toll and ferry establishment and contingencies.	Establishment of Divisional Superintendent of Works.	DISTRICTS.		
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
10 14 9	251 2 9	4,442 13 9	2,458 1 0	130 2 0	.....	3,798 0 11	Dinagapore	1	
396 14 0	2,025 7 3	10,762 12 0	3,086 12 0	298 15 6	.....	.....	Rungpore	.....	
91 13 2	11 0 0	1,639 7 3	1,753 9 9	.....	.....	.....	Bogra	.....	
4 11 3	.....	574 4 8	922 15 9	.....	.....	.....	Darjeeling	.....	
53 8 4	4,745 4 3	4,750 1 9	1,511 0 0	20 0 0	.....	451 3 0	Jalpigoree	5	
81 13 10	879 2 0	27 11 6	2,619 15 4	13 7 0	200 0 0	459 8 3	Backergunge	.....	
20 4 0	1,298 0 9	513 1 6	2,851 10 1	.....	112 10 9	.....	Tipperah	.....	
81 3 6	333 11 3	1,327 3 0	4,292 1 3	.....	.....	649 14 3	Mymensingh	.....	
700 0 0	16,787 9 8	10,996 13 9	2,345 3 3	-8 9 0	.....	.....	Chittagong	.....	
301 14 11	1,062 6 3	2,872 12 9	2,414 13 11	79 5 0	.....	.....	Noakholly	10	
361 11 9	4,375 2 6	4,875 6 3	5,159 12 0	199 1 5	120 11 0	.....	Gya	.....	
882 12 6	323 11 2	5,055 11 8	4,891 13 9	83 3 6	63 6 3	1,077 8 0	Shahabad	.....	
671 2 6	852 6 1	3,571 10 6	5,262 0 10	598 15 6	.....	.....	Mozufferpore	.....	
96 8 6	5,121 7 0	7,646 1 2	4,541 0 8	469 10 1	1,161 4 0	.....	Durbhunga	.....	
458 5 0	2,973 7 9	3,962 2 1	4,586 9 11	542 7 3	45 0 0	1,085 8 0	Sara	15	
253 10 10	138 2 9	10,416 8 10	3,739 14 3	136 7 0	.....	.....	Chumparun	.....	
148 14 6	135 10 6	4,872 4 9	4,676 12 1	-1 10 6	.....	2,908 12 7	Monghyr	.....	
71 0 1	1,088 15 0	3,039 7 1	5,528 9 1	310 13 9	.....	2,291 10 9	Bhagulpur	.....	
252 14 1	118 7 6	2,280 13 3	2,002 7 3	145 14 0	.....	1,294 2 4	Purneah	.....	
10 13 3	.....	1,492 9 0	1,352 2 5	12 0 9	.....	601 0 0	Maldah	20	
256 15 10	9 0 0	1,081 5 0	1,891 3 3	24 4 0	.....	.....	Cuttack	.....	
13 2 6	400 0 0	705 2 9	.....	.....	.....	.....	Pooree	.....	
149 12 3	98 9 0	875 14 1	1,234 0 0	.....	.....	.....	Balasore	.....	
28 9 9	274 3 0	1,331 5 3	1,998 13 3	563 12 3	.....	.....	Hazaribagh	.....	
92 1 4	2,338 8 7	660 2 11	1,713 7 5	-33 3 6	.....	.....	Lohardugga	25	
92 1 5	476 2 9	2,850 3 9	1,014 0 8	.....	.....	.....	Manbhoom	.....	
5,023 9 10	46,087 9 9	92,643 14 3	74,448 12 5	3,585 0 0	1,703 0 0	14,617 4 1	Total.		
.....	.....	52 15 3	1,181 10 0	.....	.....	.....	Chittagong Hill Tracts	.....	
.....	1,440 8 6	4,210 0 0	1,936 9 11	26 0 0	.....	.....	Sonthal Pergunnahs	.....	
27 5 7	3 3 0	1,630 11 3	420 0 0	27 13 0	.....	.....	Singbhoom	29	
27 5 7	1,443 11 6	5,893 10 6	3,558 3 11	53 13 0	.....	.....	Total.		
5,050 15 5	47,531 5 3	98,537 8 9	78,067 0 4	3,638 13 0	1,703 0 0	14,617 4 1	GRAND TOTAL.		

## EXPEN

DISTRICTS.	PUBLIC WORKS.		IRRIGATION.		MISCELLANEOUS.			Contribution to Provincial Government.
	Total.		Canal toll establishment and contingencies.	Staging bungalow establishment and contingencies.	Staging bungalow petty construction and repairs.	Miscellaneous.	Total.	
	Rs. A. P.			Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
1 Dinagepore	11,080 4 5							
Rungpore	16,173 14 9			60 0 0	12 13 9		72 13 9	
Bogra	3,424 1 0					1,407 15 9	1,407 15 9	
Darjeeling	1,497 3 8					48 0 0	48 0 0	
5 Julpigoree	11,477 9 0			99 0 0		124 0 0	223 0 0	
Backergunge	4,199 12 1							
Tipperah	4,745 7 1							
Mymensingh	6,602 13 9							
Chittagong	30,121 1 8					430 14 10	430 14 10	
10 Noakholly	6,429 5 11			8 0 0			8 0 0	
Gya	14,730 1 2							
Shahabad	11,495 6 4			83 12 0			83 12 0	
Mozufferpore	10,245 0 11			26 0 0			26 0 0	
Durbhunga	18,939 6 11			164 6 6			164 6 6	
15 Sarun	13,906 3 0			50 0 0	7 13 6	500 0 0	557 13 6	
Chumparun	14,431 0 10							
Monghyr	12,591 13 5							
Bhagulpur	12,259 7 8			6 6 0	6 0 0		12 6 0	
Purich	6,441 12 4							
20 Maldah	3,457 12 2							
Cuttack	3,005 12 3			150 8 0	24 10 0		175 2 0	
Pooree	1,195 2 9			46 0 0			46 0 0	
Balasore	2,208 7 1			27 0 0			27 0 0	
Hazaribagh	4,168 1 9			29 8 0			29 8 0	
25 Lohardugga	4,678 15 5			42 8 0	0 6 6	17 8 0	60 6 6	
Manbhoom	4,340 7 2				403 4 6		403 4 6	
Total	2,33,085 8 6			793 0 6	455 0 3	2,528 6 7	3,776 7 4	
Now-cess Districts.								
Chittagong Hill Tracts	1,234 9 3							
29 Sonthal Pergunnahs	7,633 2 5			16 0 0	41 9 9		57 9 9	
Singbhoom	2,081 11 3							
Total	10,949 6 11			16 0 0	41 9 9		57 9 9	
GRAND TOTAL	2,44,034 15 5			809 0 6	496 10 0	2,528 6 7	3,834 1 1	



## ROAD FUND.

Road Committees for the First Quarter of the Cess Year 1886-87 ending 31st December 1886.

## DITURE.

SUSPENSE ACCOUNT.			Total expenditure.	Balance of imprest in hands of Engineers and others increased.	Balance of uncashed cheques decreased.	Total outlay.	DISTRICTS.
Advances.	Deposits.	Total.					
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
2,613 4 0	.....	2,613 4 0	14,489 13 7	.....	.....	14,489 13 7	Dinapore .....
6,861 7 9	100 0 0	6,961 7 9	26,254 7 7	217 5 2	689 0 9	27,160 13 6	Rungpore .....
2,738 13 3	31 5 0	2,770 2 3	8,427 5 0	.....	3,924 0 10	12,351 5 10	Bogra .....
4,414 0 0	.....	4,414 0 0	6,588 2 5	85 3 0	.....	6,673 5 5	Darjeeling .....
1,080 1 9	.....	1,080 1 9	12,564 6 1	.....	.....	13,564 6 1	Jalpigoree .....
2,392 0 0	.....	2,392 0 0	16,807 12 10	.....	6,652 6 0	17,460 2 10	Backergunge .....
695 15 3	.....	695 15 3	7,243 0 5	.....	14 1 6	7,257 1 11	Tipperah .....
12,010 7 0	4,571 0 0	16,581 7 0	25,151 12 6	.....	13,859 3 9	39,011 0 3	Mymensingh .....
7,728 12 0	41 6 3	7,770 2 3	45,544 8 11	400 0 0	10,251 15 3	56,196 8 2	Chittagong .....
885 1 3	85 0 0	970 1 3	8,853 3 5	.....	2,172 11 6	11,025 14 11	Noakhally .....
5,063 15 0	6,335 6 9	11,399 5 9	30,037 5 2	.....	11,260 9 0	41,297 14 2	Gya .....
7,030 2 2	263 2 8	7,293 4 10	21,279 13 1	952 15 1	16,078 3 7	38,310 15 9	Shahabad .....
.....	943 5 9	943 5 9	13,739 15 2	328 12 7	10,045 7 3	24,114 3 0	Mozufferpore .....
14,512 14 3	685 0 0	15,197 14 3	36,094 14 7	.....	2,011 14 2	38,106 12 9	Durbhunga .....
19,944 11 1	20 0 0	19,964 11 1	35,940 8 3	1,122 7 7	8,187 15 2	45,259 15 0	Sarun .....
5,230 6 3	.....	5,230 6 3	21,570 5 2	.....	.....	21,570 5 2	Chumparun .....
18,169 4 9	210 0 0	18,379 4 9	32,445 9 8	.....	10,257 15 10	42,733 9 6	Monghyr .....
6,735 10 10	2,818 15 5	9,554 10 3	23,038 8 3	.....	11,008 4 8	34,946 12 11	Bhagulpur .....
2,430 15 9	.....	2,430 15 9	9,812 1 0	12 7 10	4,508 15 7	14,333 8 5	Purneah .....
1,432 13 3	.....	1,432 13 3	5,507 1 2	.....	853 4 3	6,360 5 5	Maldah .....
576 4 0	.....	576 4 0	5,312 11 5	.....	3,383 4 8	8,696 0 1	Cuttack .....
.....	.....	.....	1,938 5 11	.....	159 2 0	2,097 7 11	Poorce .....
539 8 0	.....	539 8 0	3,661 7 4	.....	7,207 12 10	10,869 4 2	Bahsore .....
206 7 0	69 8 0	275 15 0	6,399 13 6	.....	8,461 8 6	13,861 6 0	Hazaribagh .....
.....	1,237 8 0	1,237 8 0	6,540 10 7	177 13 5	4,796 3 11	11,514 11 11	Lohardugga .....
163 0	.....	163 0 0	5,457 12 10	9 15 11	11 4 10	5,479 1 7	Manbhoon .....
1,23,453 14 7	17,411 9 10	1,40,865 8 5	4,24,650 7 10	3,307 0 7	1,35,795 5 10	5,63,752 14 3	Total.
300 0 0	.....	300 0 0	1,534 9 3	.....	998 0 0	2,532 9 3	Chittagong Hill Tracts ...
990 0 0	200 0 0	1,190 0 0	9,136 0 2	164 6 9	533 4 9	10,138 11 8	Sonthal Pergunnahs ...
615 0 0	113 0 0	728 0 0	2,185 3 10	.....	712 15 6	3,628 3 4	Singbhoon ...
1,905 0 0	313 0 0	2,218 0 0	13,575 13 3	164 6 9	2,559 4 3	16,299 8 3	Total.
1,25,358 14 7	17,724 9 10	1,43,083 8 5	4,38,226 5 1	3,471 7 4	1,38,354 10 1	5,80,952 9 6	GRAND TOTAL.

Cess Districts.

Non-Cess Districts.

E. T. ATKINSON,

Accountant-General, Bengal,

# Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 7th May 1887.

No.	District and date of return.	Rainfall at Sudder station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
<b>BENGAL.</b>			
<i>Western Districts.</i>			
BURDWAN DIV.	1 Burdwan. May 7, '87	1.41	Weather—moist and cool. Prospects favourable. Rice still cheap. Public health good. Cattle-pox still lingers in Culna.
	2 Culna	1.56	
	3 Chitwan	1.46	
	4 Raniganj	1.26	
	5 Bardhaman, " 7 "	0.77	Weather—warm and occasionally cloudy at the beginning of the week. Ploughing going on, but more rain would be beneficial. State and prospects of standing crops good. Public health fair.
PRESIDENCY DIV.	6 Beerboom. " 7 "	0.67	Weather—unusually cool for the season. Rain has come most seasonably, enabling the spring ploughing to be conducted. <i>Til</i> is now the only crop on the ground and promises well. Sugarcane is being extensively planted out. Cholera very prevalent near the Muraroi railway station, and cattle-pox reported from other parts of the district.
	7 Rampore Haut	0.28	
	8 Midnapore. " 7 "	1.49	Weather—stormy. Prospects good.
	9 Hooghly. " 7 "	2.45	Weather—unusually cool and stormy. Agricultural operations going on briskly. Cholera and fever have somewhat abated.
	10 Serampur	2.60	
RAJSHAHY DIV.	11 Jehanabad	0.93	
	12 Howrah. May 9 "	1.62	Weather—unsettled. Strong southerly winds. Harvesting of <i>boro</i> paddy and planting of sugarcane proceeding.
	13 Oolooberia	1.19	
	14 24-Pergha. May 10 '87	1.57	Weather—very hot and close. Sugarcane promises well. Lands are being tilled for rice crop. Public health generally good, but isolated cases of fever and cholera still reported.
	15 Nudda	3.45	Weather—cooler since the rain. The rain has been beneficial. Ploughing progresses. Indigo flourishing. Public health good; some cholera in Kushtea and cow-pox in Sudder.
RAJSHAHY DIV.	16 Kushtea	0.42	
	17 Meherpore	3.67	
	18 Chudanga	1.03	
	19 Ranaghat	1.39	
	20 Khouluk. " 7 "	3.95	Violent storm of wind, rain and hail on night of 2nd. Weather hot and unsettled. <i>Boro</i> harvest completed. Since late rain ploughing has commenced. Public health good.
RAJSHAHY DIV.	21 Jessore. " 7 "	1.4	Weather—seasonable. More rain is wanted to facilitate sowings. <i>Boro</i> is doing well. Cholera still prevails in parts of Jhenidah, Magurah, Narail and Sudder sub-divisions. There is also some fever.
	22 Jhenidah	0.74	
	23 Magurah	0.7	
	24 Narail	0.8	
	25 Bongong	1.23	
RAJSHAHY DIV.	26 Moorshedabad " 7 "	1.37	Weather—seasonable and hot. Harvesting of <i>boro</i> paddy and <i>rubber</i> crops still going on. Prospects of <i>khadoi</i> good. Public health good.
	27 Lalbagh	1.83	
	28 Kandi	0.60	
	29 Jungipore	0.37	
	30 Dinagepore. May 7, '87	0.58	Weather—stormy with rain. Sowings in progress. Public health fair. Rice selling at 25 seers per rupee.
RAJSHAHY DIV.	31 Rajshahy " 7 "	0.39	Weather—hot. Rain has done some good, but more is wanted. Public health fair.
	32 Nattore	1.35	
	33 Nowgong	0.39	
	34 Rangpore. " 7 "	1.10	Weather—hot and still lately. Crops generally favourable, but heavy rain in Kurigram has damaged them. Cholera prevalent all over the district, and is epidemic in Nilphamari and Ulipore thanas; small-pox and fever also prevalent.
	35 Gaibanda	2.45	
RAJSHAHY DIV.	36 Nilphamari	1.29	
	37 Kurigram	5.73	
	38 Bogra. " 7 "	0.48	Weather—very warm and occasionally cloudy. Sowing of <i>jute</i> and <i>aus</i> still going on. Public health fair with the exception of a few cases of cholera in Bogra thana. Cattle-disease still reported from thana Khettal.
	39 Sherpur	0.30	
	40 Nowkhilla	0.40	
RAJSHAHY DIV.	41 Pubna " 7 "	0.25	Weather—hot and occasionally cloudy. Prospect of crops good. More rain wanted. Cholera still reported.
	42 Serajunge	0.41	
	43 Darjeeling. " 7 "	0.87	Weather—warm with occasional showers and hail at times. State and prospect of crops good.
	44 Julpigoree. " 7 "	1.15	Weather—close and sultry with occasional heavy showers. Sun very powerful during intervals. Except that the rain has fostered the growth of weeds, especially in <i>jute</i> fields, all classes of crops seem to have benefited by the early rainfall. Early rice nearly all sown. Sugarcane doing well. A good deal of red spider in tea gardens. Public health fair.
	45 Eastern Districts.		
Dacca Division.	46 Dacca. May 7, '87	0.08	Weather—hot and fine. Sowing of <i>aus</i> and <i>amus</i> paddy and <i>jute</i> going on. Harvesting of <i>boro</i> paddy nearly finished. Prospects of crops good.
	47 Munshigunge	0.33	
	48 Narainigunge	0.66	Public health generally good.
	49 Farreedpore. " 7 "	0.88	Weather—seasonable; hot and close; stormy in the afternoon occasionally. Paddy and <i>jute</i> sown in parts of head-quarters sub-division; sowings delayed in Goalundo for want of rain. Public health fair.
	50 Backergunge. " 6 "	1.92	Weather—hot with strong wind and rain on 2nd, 3rd and 4th. Prospect of crops good. Cholera prevails in most of the stations, but general health somewhat better.
CHITTAGONG DIV.	51 Mymensingh. " 6 "	0.54	Strong winds and heavy rain to the north of the district. Prospects of crops favourable.
	52 Jamalpur	3.13	
	53 Kishoregunge	0.26	
	54 Attia	Nil	
	55 Netrokona	1.75	
CHITTAGONG DIV.	56 Chittagong. May 10, '87	1.28	Weather—seasonable. State of crops good. Prices stationary. Cholera still reported.
	57 Noakhali	1.16	Weather—generally fine. Rain on three nights accompanied with heavy gales. Rain has improved prospects of <i>aus</i> crop and has facilitated preparation of lands for <i>amus</i> . Much fever in town.
	58 Fenay	1.59	
	59 Tipperah " 5 "	0.23	Weather—seasonable; very hot sometimes; at other times very cool. Prospects of crops very favourable. A bumper <i>boro dhan</i> crop has been reaped in the north of the district. Cholera is sporadic everywhere except in the north.
	60 Chandpur	0.30	
CHITTAGONG DIV.	61 Chittagong Hill Tracts. " 3 "	0.27	Weather—very hot throughout the week. Rain much wanted. Sowings in <i>joom</i> retarded owing to drought.
	62 Hill Tipperah. " 4 "	Nil	Weather—seasonably hot. <i>Boro</i> paddy is being reaped. <i>Satya</i> paddy is being sown. Transplanting of sugarcane continues. Public health good.

No.	District and date of return.	Rainfall at Sadler Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
<b>BEHAR.</b>			
26	Patna, May 7, '87	Nil	Weather—hot and close with east wind prevailing. <i>Rubbee</i> threshing and winnowing going on. Sugarcane promising. Cholera reported from Nagar Nohsa in Behar and from Mokamah and Fatwa towns in Barh.
27	Gya " 7 "	Slight rain on 1st.	Weather—hot; highest reading of thermometer 107°6". The only crops on the field are sugarcane and <i>cheena</i> , both thriving well. Cholera throughout the district, especially in Sudder sub-division. Small-pox and fever also reported.
28	Shahabad, " 7 "	0·02	Weather—hot with strong east wind during the day. Sugarcane doing well. Cholera reported from an outpost in Buxar sub-division and from Bhaddua; otherwise public health fair. Prices stationary.
29	Durbhanga " 7 "	0·44	Weather—very hot. East wind prevailing. Threshing of <i>rubbee</i> in progress. Early rice, <i>moong</i> , indigo and <i>cheena</i> doing well. Fields are being prepared for <i>bhadoi</i> sowings. Price of rice averages 22 seers per rupee. Cholera abating.
30	Moynaffore, Hajipur " 7 "	0·40 0·11	Weather—east wind during the week. Some rain on night of 30th has done much good. Early rice, <i>moong</i> and <i>cheena</i> thriving well, and prospects continue satisfactory. Cholera and small-pox prevail; public health otherwise good.
31	Saran " 7 "	Nil	Weather—cool; strong easterly wind blowing. Prospects of crops favourable.
32	Sewan Gopalgunge Chumraon, Bettiah " 7 "	0·50 Nil 0·22	Weather—hot. Weighment of opium coming to a close. Sowing of <i>bhadoi</i> and <i>aghani</i> in progress in Bettiah sub-division. Prices show a tendency to rise. Cholera prevalent in different parts of the district.
33	Monghyt, May 7, "	Nil	Weather—hot with easterly wind. Threshing and winnowing of <i>rubbee</i> going on. Lands are being prepared for <i>bhadoi</i> crop. Cholera prevailing in places in all sub-divisions, but principally in the Sudder and Jamui.
34	Bagulpoore " 7 "	Nil	Weather—hot; a little rain in each sub-division. Ploughing in progress. Rain much wanted for indigo. Cholera still prevalent in Soopool.
35	Purneah " 7 "	Nil 1·30 0·99	Weather—cool till 5th, since then warm, east wind prevailing. Sowing of jute and early rice progressing.
36	Kishengunge Arrareah " 7 "	Nil 0·18	Weather—rather cool during the first three days with strong easterly winds; since then hot, but changeable. Prospects of <i>boro</i> paddy favourable; harvest has begun about the middle of the district with good outturn. Cultivation of <i>bhadoi</i> crops going on. Common rice selling at an average of 24 seers per rupee. Public health good.
37	Maldah, " 7 "	0·61	Weather—sultry, followed by two heavy successive storms on 2nd and 3rd. Rain wanted in the east and north for ploughing; in the south and west there has been rain and ploughing is general. Sugarcane doing well. A good deal of fever about owing to unsettled weather.
	Chanchal Shibgunge Santal Pargana, " 7 "	1·10 1·44 Nil	
	Deoghur Rajmahal Gouda Pakour	0·32 0·25 ...	
<b>ORISSA.</b>			
38	Cuttack May 6, '87	1·18	Weather—hot and cloudy. Reaping of <i>dalua</i> rice nearly completed. Rain has facilitated ploughing which is briskly going on everywhere. Common rice sells at 17½ seers per rupee in town and 22 to 25 seers in the interior. Public health generally good.
39	Pooree " 5 "	0·90	Weather—hot and cloudy. Rain has facilitated ploughing of land for <i>sarad</i> crop. <i>Dalua</i> is being harvested. Common rice 27 seers 2 chittacks per rupee in Sudder sub-division and 23 seers 6 chittacks in Khoorda sub-division. Cholera and small-pox reported from the interior.
40	Balasore, " 6 "	0·47	Weather—hot. Ploughing going on. Prospects of crops good. With the exception of a few cases of cholera, public health generally good.
<b>CHOTA NAGPORE.</b>			
<i>South-West Frontier Agency.</i>			
41	Hazaribagh May 6, '87	0·63	Weather—seasonable. Sugarcane promises well. It has been benefited by the late rain. General health good.
42	Lohardugga " 7 "	0·53	Weather—cloudy and hot; more rain expected. Prices steady. Cholera in Palamow disappearing. A few cases of small-pox and fever reported; public health otherwise good.
43	Singbhoom, " 6 "	1·82	Weather—bright; yet cool after the rain. Prospects good. <i>Boro dhan</i> ripening. Melons in flower. Oilseeds well advanced. Public health good.
44	Singbhoom, " 7 "	1·54	Weather—hot and steamy with occasional heavy storms. Sugarcane, indigo, cotton and <i>mahua</i> doing well. The late rain has done good. Public health fair.
	Govindpore	0·64	

Published for general information.

CALCUTTA, REVENUE DEPT.;  
The 10th May 1887.P. NOLAN,  
Secy. to the Govt. of Bengal.

## PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

Num. ber.	DISTRICTS.	QUANTITIES PER RUPEE IN																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUR (Sorghum Vulgare.)					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
BENGAL.																			
Western Districts.																			
1	Burdwan	11 4	14 7	16 0	37 8	33 15	40 0	18 12	19 8	16 0	25 5	24 12	21 0	...	...	...			
2	Bankoora	16 0	15 8	18 8	20 0	20 0	24 0	19 0	19 8	19 8	24 10	24 9	22 8	...	...	...			
3	Peerbhoom	20 0	20 4	18 0	...	...	...	20 0	20 0	15 8	24 0	24 0	19 8	...	...	...			
4	Midnapore	18 0	17 8	18 0	...	...	...	20 0	20 0	16 0	26 0	26 0	22 0	...	...	...			
5	Hoochly	14 8	14 0	16 0	...	...	...	10 0	10 0	10 0	17 8	18 0	15 0	...	...	...			
6	Howrah	13 0	12 0	16 0	...	...	...	13 0	13 0	12 0	20 0	20 0	16 0	...	...	...			
Central Districts.																			
7	Calcutta	14 4	15 0	16 7	20 14	21 0	21 8	9 8	9 5	9 2	20 0	19 6	15 6	21 8	21 0	19 0			
8	24-Pergunnahs	13 5	13 5	13 4	24 0	22 8	20 0	8 0	8 0	8 0	18 4	18 12	13 5	...	...	...			
9	Nudda	16 0	16 0	17 4	35 8	32 0	26 0	16 0	16 0	14 0	19 12	19 0	...	...	...	...			
10	Khoolna	...	...	...	...	...	...	18 0	18 0	16 0	23 0	22 0	18 0	...	...	...			
11	Jessore	16 0	16 0	13 4	...	...	...	16 0	16 0	13 4	24 0	24 0	17 4	...	...	...			
12	Moorshedabad	16 0	15 0	20 0	...	...	...	16 0	16 0	14 0	22 0	23 0	17 8	...	...	...			
13	Dinapore	14 12	16 0	16 0	21 4	22 0	17 12	21 8	21 0	17 12	25 0	26 0	19 0	...	...	...			
14	Rajshahye	18 0	17 4	18 0	40 0	40 0	30 0	18 0	18 6	16 8	22 8	22 8	18 12	...	...	...			
15	Rungpore	22 8	22 8	14 0	...	...	...	22 8	22 8	14 0	24 10	24 10	18 0	...	...	...			
16	Bogra	15 0	16 8	16 8	...	...	...	15 0	12 0	15 0	24 0	24 0	24 0	...	...	...			
17	Pabna	20 0	21 0	22 8	...	...	...	8 0	8 0	8 4	22 14	21 0	18 6	...	...	...			
18	Darjeeling	10 0	19 0	10 0	11 0	12 0	12 0	5 0	5 0	5 0	13 0	13 0	13 0	...	...	...			
19	Julpigoree	10 0	10 0	13 0	20 0	20 0	20 0	13 0	13 0	16 0	25 0	25 0	22 0	...	...	...			
Eastern Districts.																			
20	Dacca	13 0	14 0	16 0	22 0	26 0	26 0	17 0	17 0	13 0	19 0	19 0	15 0	...	...	...			
21	Furreedpore	26 0	26 0	16 0	32 0	32 0	25 0	18 8	18 8	16 0	21 8	22 0	19 0	...	...	...			
22	Backergunge	...	...	...	...	...	...	18 0	17 0	13 0	19 0	19 0	16 0	...	...	...			
23	Mymensingh	12 0	11 8	13 0	...	...	...	13 0	12 0	14 8	17 8	16 0	21 4	...	...	...			

A In sub-divisions retail prices of salt per rupee were:—Culina 12 seers, Cutwa 13 seers, and Raneegunge 12½ seers.

B In Rampore sub-division retail price of salt 13 seers per rupee.

C In Tumlook and Contai sub-divisions retail price of salt 11 seers per rupee.

D In sub-divisions retail prices of salt per rupee were:—Serampore 13 seers and Jehanabad 13½ seers.

E In sub-divisions retail prices of salt per rupee were:—Baraset and Basirhat 12 seers, Diamond Harbour (at Magrahat) 11½ seers, Barrackpore 12½ seers, and Dum-Dum 11 seers.

F In sub-divisions retail prices of salt per rupee were:—Koothia 12 seers, Chooadanga 13 seers, Ranaghat 10½ seers.

G In Satkhira and Bagirhat sub-divisions retail price of salt 11 seers per rupee.

H In sub-divisions retail prices of salt per rupee were:—Jhenida 12 seers, Magura 10½ seers and Rongong 13 seers.

I In sub-divisions retail prices of salt per rupee were:—Lalbagh 13 seers, and Jungipore and Kandi 12½ seers.

J In Thakurgaon sub-division retail price of salt 10 seers per rupee.



SEERS OF 80 TOLAHS.

BAJRA OR CUMBU. ( <i>Pennisetum typho-</i> <i>ideum.</i> )			MARUA OR RAGI. ( <i>Eleusine Corocana.</i> )		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
111	111	111	111	111	111
112	112	112	112	112	112
113	113	113	113	113	113
114	114	114	114	114	114
115	115	115	115	115	115
116	116	116	116	116	116
117	117	117	117	117	117
118	118	118	118	118	118
119	119	119	119	119	119
120	120	120	120	120	120

10 4 15 8 13 0	10 4 15 8 13 0	10 4 15 8 13 0	10 4 15 8 13 0	10 4 15 8 13 0	10 4 15 8 13 0
121	121	121	121	121	121
122	122	122	122	122	122
123	123	123	123	123	123
124	124	124	124	124	124
125	125	125	125	125	125
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127	127	127	127	127	127
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131	131	131	131	131	131
132	132	132	132	132	132
133	133	133	133	133	133
134	134	134	134	134	134
135	135	135	135	135	135
136	136	136	136	136	136
137	137	137	137	137	137
138	138	138	138	138	138
139	139	139	139	139	139
140	140	140	140	140	140
141	141	141	141	141	141
142	142	142	142	142	142
143	143	143	143	143	143
144	144	144	144	144	144
145	145	145	145	145	145
146	146	146	146	146	146
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150	150	150	150	150	150
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152	152	152	152	152	152
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162	162	162	162	162	162
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164	164	164	164	164	164
165	165	165	165	165	165
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170	170	170	170	170	170
171	171	171	171	171	171
172	172	172	172	172	172
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193	193	193	193	193	193
194	194	194	194	194	194
195	195	195	195	195	195
196	196	196	196	196	196
197	197	197	197	197	197
198	198	198	198	198	198
199	199	199	199	199	199
200	200	200	200	200	200

KANGNI OR KAKUN. ITALIAN MILLET. ( <i>Setaria italica</i> .)			GRAM, CHANA, CHHOLA, KADALAI OR SUNAGA. ( <i>Cicer ariselinum</i> .)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	24 0	24 0	23
...	...	...	19 8	19 8	19
...	...	...	26 8	26 8	22
...	...	...	17 12	17 12	17
...	...	...	20 0	19 0	16
...	...	...	22 8	22 8	21

16 4	17 0	18 0	19 12	19 12	20
...	...	...	20 0	20 0	17
...	...	...	29 0	30 8	24
...	...	...	16 0	16 0	16
...	...	...	24 8	23 0	21
...	...	...	30 8	29 8	28
...	...	...	19 0	19 0	18
...	...	...	27 0	27 0	22
...	...	...	20 0	20 0	19
...	...	...	15 12	18 12	11
...	...	...	27 0	27 8	24
...	...	...	11 0	10 0	10
...	...	...	16 0	18 0	16

...	...	...	14 0	15 0	14
...	...	...	31 0	23 0	31
...	...	...	20 0	16 0	20
...	...	...	14 0	16 0	14

## Districts of Bengal during the Fortnight ending the 30th April 1887.

															WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICTS.
INDIAN-CORN OR MAIZE (Zea Mays.)			ARHAR OR TUR. CADJAN PEA. (Cajanus indicus.)			FIREWOOD.			SALT.			SALT.						
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.				
															BENGAL.			Western Districts.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
...	...	...	24 0	18 4	21 0	120 0	120 0	120 0	13 5	13 4	13 8	2 14 6	2 15 0	2 15 0	Burdwan.			
40 0	40 0	31 0	22 0	22 8	22 0	220 0	220 0	220 0	12 8	12 8	12 8	3 3 0	3 3 0	3 2 0	Bankoora.			
...	...	...	15 0	16 0	22 8	160 0	160 0	...	...	12 4	12 0	...	3 1 0	3 2 0	Baerbhoom.			
...	...	...	16 0	16 0	14 0	155 0	155 0	155 0	13 0	13 0	12 8	3 0 0	3 1 0	3 0 0	Midnapore.			
...	...	...	13 0	13 0	14 0	120 0	120 0	120 0	13 8	13 0	13 9	2 14 0	3 0 0	2 14 0	Hooghly.			
...	...	...	13 0	13 4	16 0	90 0	90 0	90 0	12 0	12 0	13 0	3 0 0	3 0 0	3 0 0	Howrah.			
															Central Districts.			Eastern Districts.
24 0	25 0	16 15	16 12	16 12	8 4	80 0	80 0	80 0	13 0	13 4	13 4	3 0 0	3 0 0	2 12 0	Calcutta.			
32 0	26 8	17 8	19 0	17 8	17 8	100 0	100 0	100 0	13 0	13 0	12 13	2 15 0	2 15 0	3 0 0	24-Pergunnahs.			
...	...	...	20 0	20 0	20 0	...	...	...	11 10	11 10	11 10	3 0 0	3 0 0	3 0 0	Nuddea.			
...	...	...	...	...	...	160 0	160 0	160 0	10 8	10 8	12 0	3 12 0	3 12 0	3 4 0	Khoolna.			
...	...	...	20 0	22 0	26 8	110 0	110 0	120 0	10 12	10 12	12 0	3 3 0	3 3 0	3 2 0	Jessore.			
...	32 0	...	16 12	18 0	21 0	210 0	160 0	120 0	12 0	12 0	11 4	3 5 0	3 5 0	3 12 0	Moorshedabad.			
...	...	...	9 4	...	...	160 0	160 0	160 0	12 0	12 4	12 8	3 4 0	3 4 0	3 2 0	Dinapore.			
...	...	...	16 8	17 0	22 8	240 0	240 0	240 0	12 0	12 0	12 12	3 4 0	3 4 0	3 0 0	Rajshahye.			
...	...	...	8 10	8 10	14 0	120 0	120 0	120 0	10 5	10 5	12 0	3 8 0	3 8 0	2 10 0	Rurgpore.			
...	...	...	...	...	...	90 0	90 0	90 0	11 4	11 4	12 0	3 5 4	3 6 0	3 4 0	Bogra.			
...	...	...	22 8	24 0	21 0	200 0	200 0	200 0	11 10	11 10	12 6	3 6 0	3 6 0	3 2 0	Pubna.			
26 0	25 0	20 0	8 0	8 0	8 0	120 0	120 0	120 0	9 0	9 0	8 0	...	4 4 0	4 0 0	Darjeeling.			
20 0	20 0	...	12 0	10 0	...	120 0	128 0	120 0	11 0	11 0	12 0	3 6 0	3 6 0	3 4 0	Julpigoree.			
...	...	...	...	...	...	120 0	120 0	120 0	12 0	12 0	12 0	3 3 0	3 3 0	3 2 0	Dacca. ✓			
...	...	...	20 0	20 0	16 0	120 0	120 0	140 0	12 0	13 0	12 0	3 4 0	2 15 0	3 5 0	Furzedpore.			
...	...	...	16 0	14 0	13 0	120 0	120 0	120 0	13 0	12 0	12 8	3 0 0	3 4 0	3 2 0	Backergunge.			
...	...	...	16 0	16 0	20 0	...	...	...	12 0	12 0	12 4	3 5 0	3 5 0	3 3 0	Mymensingh.			

K In Nattore and Nowgong sub-divisions retail price of salt 12 seers per rupee.

L In sub-divisions retail prices of salt per rupee were:—Gaibanda 8 seers, Kurigram 12 seers.

M In Serajgunge sub-division retail price of salt 12 seers per rupee.

N At Siliguri retail price of salt 10 seers per rupee.

O In Alipore sub-division (at Fallacotta) retail price of salt 10 seers per rupee.

P In sub-divisions retail prices of salt per rupee were:—Manickgunge 11 seers, Moonshuggunge 10½ seers and Nuraingunge 12½ seers.

Q In sub-divisions retail prices of salt per rupee were:—Goatundo 12 seers, and Madaripore 12½ seers.

R In sub-divisions retail prices of salt per rupee were:—Patuakhali 9 seers, Perozopore 11 seers, and Bhola 10½ seers.

S In sub-divisions retail prices of salt per rupee were:—Kishoregunge 9½ seers, Attea 12 seers, Jamalpore 10½ seers, Sherpore 10 seers and Netrakona 9 seers.

## PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLU. (Sorghum Vulgare.)					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
Eastern Districts.—Concluded.																			
22	Chittagong	16 0	16 0	16 0	...	...	...	12 0	13 0	12 0	17 0	17 0	14 0	...	...	...			
23	Noakholly	...	...	...	...	...	...	21 0	20 0	13 0	23 0	22 0	4 0	...	...	...			
24	Tipperah	13 5	12 4	13 4	...	...	...	17 8½	14 1	15 0	21 15	18 6	16 8	...	...	...			
25	Chittagong Hill Tracts.	...	...	...	...	...	...	13 5	13 5	11 0	15 0	15 0	11 13	...	...	...			
	Hill Tipperah	12 0	12 0	12 0	...	...	...	13 0	14 0	12 0	18 0	18 0	16 0	...	...	...			
BEHAR.																			
26	Patna	19 0	18 8	20 0	32 0	32 0	28 0	11 8	11 8	11 8	25 0	25 0	17 0	26 0	26 0	26 0			
27	Gya	16 8	17 0	18 8	32 0	32 0	26 0	9 0	9 4	9 0	19 0	19 8	16 8	...	...	...			
28	Shahabad	18 0	17 0	19 0	30 0	28 0	27 0	9 0	8 0	8 0	17 8	17 0	15 0	...	...	...			
29	Durbhanga	19 4	19 4	17 0	33 0	33 0	28 0	13 4	13 3	10 0	23 4	23 0	17 0	...	33 0	...			
30	Muzaffarpore	20 0	18 0	20 0	30 0	30 0	30 0	12 0	12 8	12 0	22 0	23 0	16 0	...	...	...			
31	Saran	15 0	15 0	18 8	28 0	29 0	27 0	8 0	8 0	7 0	21 0	22 0	19 0	...	...	...			
32	Chumparan	17 0	17 8	18 0	32 0	35 0	25 0	7 8	7 8	10 0	17 8	17 8	14 0	...	...	...			
33	Monghyr	19 8	18 8	23 2	33 0	31 8	36 12	13 12	13 2	13 0	16 13	17 13	16 4	24 2	21 0	24 2			
34	Bhagulpore	16 6	17 10	18 15	35 6	37 14	30 5	18 15	18 15	15 2	21 7	21 7	17 10	...	...	...			
35	Parasah	20 0	18 0	21 0	...	...	...	20 0	21 0	18 0	24 0	24 0	20 0	...	...	...			
36	Maldah	18 0	19 0	23 0	...	...	...	17 0	18 0	10 0	26 0	26 0	22 0	...	...	...			
37	Sonthal Pergals.	14 0	16 0	16 0	...	...	...	18 0	18 0	16 0	29 0	27 8	23 8	...	...	...			
ORISSA.																			
38	Cuttack	14 7	14 7	19 11	...	...	...	13 2	13 2	10 8	18 6	18 6	17 1	...	...	...			
39	Pooree	13 2	11 13	15 12	...	...	...	17 1	17 1	17 1	23 10	23 10	21 0	...	...	...			
40	Balasore	18 0	18 0	18 0	13 0	13 0	13 0	14 0	14 0	13 0	25 0	25 0	24 0	...	...	...			
CHOTA NAGPORE																			
South-Western Frontier Agency.																			
41	Hazareebagh	20 0	20 0	17 8	24 0	25 0	20 0	10 0	10 0	10 0	20 0	19 0	19 0	Not pro					
42	Lohardugga	25 0	26 0	19 0	36 0	36 0	23 0	19 0	19 0	16 0	22 0	23 0	19 0	...	...	...			
43	Singbhoom	24 0	24 0	24 0	32 0	32 0	32 0	28 0	28 0	24 0	32 0	32 0	28 0	...	...	...			
44	Manbhoom	18 0	17 0	18 0	32 0	44 0	32 0	28 0	18 8	16 0	29 0	29 0	27 0	...	...	...			

T In Cox's Bazar sub-division retail price of salt 12 seers per rupee.

U In Fenny sub-division (at Panchgatchia) retail price of salt 9 seers per rupee.

V In Brahmunberiah and Changpore sub-divisions retail price of salt 11½ seers per rupee.

W In Aurangabad sub-division retail price of salt 11 seers per rupee.

X In sub-divisions retail prices of salt per rupee were:—Buxar 12½ seers, Sasseram 12 seers, and Bhabooah 11½ seers.

Y In Madhubani and Tajpore sub-divisions retail price of salt 12 seers per rupee.

Z In sub-divisions retail prices of salt per rupee were:—Seetmurhee 11 seers and Hajepore 12 seers.

ZI In sub-divisions retail prices of salt per rupee were:—Sewan 11½ seers and Gopalgunge 11½ seers.



MAJRA OR CUMBU. <i>Pennisetum typho- ideum.</i> )	MARUA OR RAGI. ( <i>Eleusine Corocana.</i> )
----------------------------------------------------------	-------------------------------------------------

Present return.	
Next preceding return.	
Corresponding return of last year.	
Present return.	
Next preceding return.	
Corresponding return of last year.	

Ch. | S. Ch. | S. Ch. | S. Ch. | S. Ch. | S. Ch.

157	157	10	800	800	100
158	800	800	100	100	100
159	100	100	100	100	100
160	100	100	100	100	100
161	100	100	100	100	100
162	100	100	100	100	100
163	100	100	100	100	100
164	100	100	100	100	100
165	100	100	100	100	100
166	100	100	100	100	100
167	100	100	100	100	100
168	100	100	100	100	100
169	100	100	100	100	100
170	100	100	100	100	100
171	100	100	100	100	100
172	100	100	100	100	100
173	100	100	100	100	100
174	100	100	100	100	100
175	100	100	100	100	100
176	100	100	100	100	100
177	100	100	100	100	100
178	100	100	100	100	100
179	100	100	100	100	100
180	100	100	100	100	100
181	100	100	100	100	100
182	100	100	100	100	100
183	100	100	100	100	100
184	100	100	100	100	100
185	100	100	100	100	100
186	100	100	100	100	100
187	100	100	100	100	100
188	100	100	100	100	100
189	100	100	100	100	100
190	100	100	100	100	100
191	100	100	100	100	100
192	100	100	100	100	100
193	100	100	100	100	100
194	100	100	100	100	100
195	100	100	100	100	100
196	100	100	100	100	100
197	100	100	100	100	100
198	100	100	100	100	100
199	100	100	100	100	100
200	100	100	100	100	100

0	26	0	26	0	26	0	26	0	26	0
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000	000	000	000	000	000
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000	000	000	000	000	000
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...	...	...	32	8	33	0	28	0
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...	...	...	30 0	...	30 0
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20	0	26	0	22	0
----	---	----	---	----	---

100	100	100	100	100	100
-----	-----	-----	-----	-----	-----

...	...	23 9	...	...
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100	101	102	103	104	105
-----	-----	-----	-----	-----	-----

[illegible][illegible]

100

101	000	000	000	000
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100	100	100	100	100
-----	-----	-----	-----	-----

100

30	0	33	0	30	0
----	---	----	---	----	---

..	..	38	0	40	0	30	0
----	----	----	---	----	---	----	---

012	000	000	000	000
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KANGNI OR KAKUN. ITALIAN MILLET. ( <i>Setaria italica</i> )			GRAM, CHANA, CHHOLA, KADALAY OR SUNAGA. ( <i>Cicer arietinum</i> )		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	12 0	12 0	15 0
...	...	...	13 0	13 0	13 0
...	...	...	13 5	14 8	16 0
...	...	...	...	...	...
...	...	...	12 0	12 0	12 0

24 0	20 0	...	31 0	30 0	27 0
17 0	17 0	16 0	27 0	25 8	22 0
...	...	...	28 0	29 0	26 0
...	...	18 0	26 8	27 8	20 0
...	...	...	24 0	26 0	22 8
14 0	14 0	14 0	28 0	27 0	24 4
...	...	...	25 0	28 0	28 0
21 0	21 0	21 0	29 6	27 12	26 12
...	...	...	26 8	25 4	25 4
...	...	...	24 0	20 0	21 0
...	...	...	28 0	27 0	28 0
...	...	...	20 0	21 0	20 0

(Kalai

...	...	...	17 1	17 1	19 11
...	...	...	14 7	13 2	16 13
...	...	...	15 0	15 0	15 0

...	...	...	24 0	22 0	19 0
...	...	...	22 0	24 0	15 0
...	...	...	16 0	16 0	16 0
...	...	...	16 0	17 0	18 0

## Districts of Bengal during the Fortnight ending 30th April 1887—(Concluded)

												WHOLESALE PRICES PER MAUND OF 40 SEERS			DISTRICTS.		
INDIAN CORN OR MAIZE. (Zea Mays.)			ARHAR OR TUR. CADJAN PEA. (Cajanus indicus.)			FIRWOOD.			SALT.			SALT.					
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
...	...	...	10 0	10 0	9 0	75 0	75 0	100 0	T 12 0	12 0	12 0	3 0 0	3 0 0	3 5 0	Chittagong.		
...	...	...	...	...	...	...	...	...	U 9 0	8 0	11 0	3 12 0	4 6 0	3 8 0	Noakhally.		
...	...	...	11 0	10 2	10 0	...	...	...	V ...	11 8	12 0	...	3 5 0	3 3 0	Tipperah.		
...	...	...	...	...	...	320 0	320 0	320 0	...	8 0	8 0	8 0	4 8 0	4 8 0	4 8 0	Chittagong Hill Tracts.	
...	...	...	16 0	16 0	16 0	...	...	...	...	11 0	11 0	11 0	3 4 0	3 4 0	3 4 0	Hill Tipperah.	
BEHAR.																	
30 0	30 0	22 0	28 0	28 0	27 0	120 0	120 0	120 0	11 8	11 8	11 8	3 1 6	3 1 6	3 1 6	Patna.		
...	...	...	22 0	23 0	22 0	140 0	140 0	200 0	W 11 0	11 0	11 0	3 5 0	3 5 0	3 5 0	Gya.		
...	...	...	16 0	16 0	17 0	160 0	160 0	160 0	X 12 0	12 0	12 8	3 5 0	3 5 0	3 2 0	Shahabad.		
33 0	33 0	20 0	22 0	16 8	20 0	176 0	176 0	160 0	Y 13 0	13 0	11 8	3 0 0	3 0 0	3 4 0	Darbhanga.		
30 0	20 0	27 8	19 0	18 0	22 8	140 0	140 0	140 0	Z 12 0	12 0	12 0	3 4 0	3 4 0	3 4 0	Muzafferpore.		
27 0	28 0	26 0	25 0	24 0	27 0	160 0	160 0	160 0	Z1 12 0	12 0	12 0	3 4 6	3 4 6	3 1 6	Sarun.		
30 0	30 0	28 0	20 0	22 0	28 0	...	...	...	Z2 11 8	11 8	12 4	3 7 0	3 7 0	3 2 0	Chumparan.		
39 0	37 12	26 12	21 1	18 14	23 2	126 0	126 0	126 0	Z3 12 0	12 0	13 2	3 0 0	3 0 0	2 14 6	Monghyr.		
35 6	37 5	25 4	20 13	20 3	18 15	177 4	177 4	151 0	Z4 12 10	12 10	13 10	...	3 3 0	2 15 3	Bhagalpore.		
...	...	...	14 0	16 0	18 0	128 0	128 0	128 0	Z5 10 8	10 8	11 0	3 10 0	3 10 0	3 1 0	Purneah.		
...	...	...	...	...	...	160 0	160 0	160 0	Z6 11 12	12 0	11 8	3 5 0	3 4 0	3 4 0	Mahisah.		
33 0	37 8	30 0	27 0	26 0	24 0	200 0	200 0	200 0	Z8 11 8	11 8	11 8	3 4 0	3 4 0	3 5 0	Sonthal Parganas.		
ORISSA.																	
...	...	...	...	...	...	80 0	80 0	80 0	14 0	14 0	14 0	2 12 0	2 12 0	2 12 0	Cuttack.		
...	...	...	14 7	15 12	17 1	70 0	70 0	80 0	14 7	14 7	14 7	2 10 0	2 10 0	2 10 0	Pooree.		
...	...	...	12 0	12 0	12 0	160 0	160 0	130 0	Z7 10 8	10 8	9 8	3 6 0	3 6 0	3 14 0	Balasore.		
CHOTA NAGPORE.																	
25 0	27 0	24 0	20 0	20 0	18 0	320 0	320 0	240 0	Z8 10 0	10 0	10 0	3 14 0	3 11 0	3 8 0	Hazareebagh.		
24 0	24 0	20 0	32 0	32 0	20 0	120 0	120 0	120 0	10 0	10 0	10 0	3 12 0	3 12 0	3 14 0	Lohardugga.		
...	...	...	24 0	24 0	21 0	320 0	320 0	360 0	9 0	9 0	9 0	4 0 0	4 0 0	4 0 0	Singbhoom.		
40 0	40 0	...	23 0	23 0	20 0	240 0	240 0	240 0	Z9 10 10	10 10	11 10	3 8 0	3 8 0	3 4 0	Manbhoom.		

Z2 In Bettiah sub-division retail price of salt 11½ seers per rupee.

Z3 In sub-divisions retail prices of salt per rupee were:—B. guseai 11 seers and Jamui 11½ seers.

Z4 In sub-divisions retail prices of salt per rupee were:—Banka 11 seers, Madapore 11½ seers, and Soopool 10 seers.

Z5 In sub-divisions retail prices of salt per rupee were:—Kissengunge 10 seers and Arrarean (at Raneegunge) 11 seers.

Z6 In sub-divisions retail prices of salt per rupee were:—Goddia 11 seers and Pakour 12 seers.

Z7 In Baudh sub-division retail price of salt 9½ seers per rupee.

Z8 In Giridih sub-division (at Kharagdiha) retail price of salt 11½ seers per rupee.

Z9 In Govindpore sub-division retail price of salt 12 seers per rupee.

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P. NOLAN,  
Secy. to the Govt. of Bengal.

*PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt in the*

Number.	MARKETS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	2 10 9	2 9 3	2 7 3	1 5 3	1 4 0	1 7 0	3 2 0	3 0 0	4 5 6	1 11 0	1 13 6	2 6 2
2	Seragunge ...	...	...	...	...	...	...	3 14 0	3 15 0	4 12 0	1 13 6	1 13 0	1 14 0
3	Dacca ...	3 0 0	2 12 0	2 4 0	1 11 0	1 8 0	1 8 0	2 6 0	2 6 0	2 12 0	2 0 0	2 1 0	2 8 0
4	Naraingunge ...	...	...	...	...	...	...	2 4 0	2 4 0	2 10 8	2 0 0	2 0 0	2 5 4
5	Chittagong ...	2 6 0	2 6 0	2 6 0	...	...	...	3 0 0	3 0 0	3 4 0	2 3 0	2 3 0	2 10 0
6	Patna ...	2 0 0	2 2 0	1 14 6	1 3 6	1 3 6	1 5 3	3 0 0	3 0 0	3 0 0	1 9 0	1 9 0	2 2 0
7	Balasore ...	2 4 0	2 4 0	2 2 0	3 0 0	3 0 0	3 0 0	2 12 0	2 12 0	3 0 0	1 7 0	1 7 0	1 10 0
8	Pooree ...	...	...	...	...	...	...	...	...	...	1 8 0	1 8 0	1 14 0
9	Cuttack ...	2 10 0	2 10 0	2 0 0	...	...	...	3 0 0	3 0 0	3 10 0	2 2 0	2 2 0	2 2 0

CALCUTTA,  
The 10th May 1887.

undermentioned *Marts* of Bengal during the Fortnight ending 30th April 1887.

GRAM, CHANA, CHHOLA, KADALAY OR SUNAGA. ( <i>Cicer Arictinum</i> .)			INDIAN-CORN OR MAIZE. ( <i>Zea Mays</i> .)			ARHAR OR THUR CADJAN PEA. ( <i>Cajanus indicus</i> .)			FIREWOOD.			SALT			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
1 10 0	1 10 0	1 13 6	1 6 0	1 6 0	2 0 0	2 3 0	2 3 0	2 1 0	0 6 9	0 6 9	0 9 4	3 0 0	3 0 0	2 12 0	Calcutta.
1 14 0	2 0 0	2 9 0	...	...	...	...	...	...	...	...	...	3 1 0	3 0 0	2 8 0	Serajgunge.
9 19 0	2 10 0	1 14 0	...	...	...	...	...	...	0 5 0	0 5 0	0 5 0	3 3 0	3 3 0	3 2 0	Dacca.
2 8 0	2 8 0	2 5 4	...	...	...	...	...	...	0 8 0	0 8 0	0 8 0	3 2 0	3 2 0	2 14 0	Naraingunge.
3 0 0	3 2 0	2 8 0	...	...	...	3 14 0	3 12 0	4 0 0	0 8 0	0 8 0	0 6 0	3 0 0	3 0 0	3 5 0	Chittagong.
1 4 0	1 4 9	1 6 9	1 4 9	1 4 9	1 11 6	1 5 6	1 5 6	1 6 0	0 5 0	0 5 0	0 4 6	3 1 6	3 1 6	3 1 6	Patna.
2 9 0	2 8 0	2 9 0	...	...	...	3 2 0	3 2 0	2 14 0	0 5 0	0 5 0	0 5 0	3 6 0	3 6 0	3 14 0	Balasore.
...	...	...	...	...	...	...	...	...	...	...	...	2 19 0	2 10 0	2 10 0	Pooree.
2 0 0	(Kala) 2 0 0	2 0 0	...	...	...	...	...	...	0 8 0	0 8 0	0 8 0	2 13 0	2 12 0	2 12 0	Cuttack.

Published for general information.

P. NOLAN,  
Secy. to the Govt. of Bengal.



## STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

STOCK IN HAND AS COMPILED ON —													
NAMES OF MARKS.	1st week of												
	May 1886.	June 1886.	July 1886.	August 1886.	Sept. 1886.	Oct. 1886.	Nov. 1886.	Dec. 1886.	Jan. 1887.	Feb. 1887.	Mar. 1887.	April 1887.	May 1887.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Balachatta	9,57,000	15,59,000	8,43,000	5,53,000	5,06,500	5,09,000	3,81,900	3,11,000	2,89,000	4,15,500	4,73,000	14,01,000	12,67,000
Doitadanga	65,600	64,800	68,700	57,300	50,500	54,800	56,500	29,900	47,700	53,900	61,300	72,400	65,800
Chitpore, Golabarsa, Coomer- tool, Hatkhola, and Culp Ghat	5,31,900	5,21,800	5,25,300	5,65,200	5,60,800	6,37,400	6,26,100	8,48,100	7,75,900	7,68,700	5,82,700	7,47,100	6,58,200
Pathurichatta, Poeta, and Jorabagan.	6,000	5,400	4,000	3,700	3,000	4,000	5,000	4,000	6,000	5,000	4,000	5,200	5,000
Tallygunge, Chittah, Kidderpore, and Moonshikunge.	1,35,300	1,46,400	1,21,800	1,32,400	1,28,000	1,26,300	1,15,200	1,48,400	1,23,800	1,55,400	1,39,500	1,79,900	1,56,000
21 Minor Basars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 3,129 in number (estimated).	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Haidyabatty, Nowabgunge, Bhuddressur, and Chander- nagore.	12,048	14,769	14,688	18,477	35,752	30,450	28,114	7,290	5,039	5,139	5,243	6,142	6,648
Total	22,27,843	25,02,109	20,67,483	18,30,677	17,74,552	19,62,950	17,02,914	18,38,600	17,37,489	18,53,639	17,55,743	29,01,742	26,49,648
On Railway premises on both sides of the river.	11,769 (on 4th May 86.)	5,980 (on 3rd June 86.)	3,720 (on 3rd July 86.)	3,826 (on 3rd August 86.)	11,011 (on 4th September 86.)	6,628 (on 2nd Oct. 1886.)	11,604 (on 4th Nov. 86.)	7,218 (on 4th Dec. 86.)	24,220 (on 4th Jan. 87.)	16,388 (on 5th Feb. 1887.)	17,883 (on 4th Mar. 1887.)	9,883 (on 4th April 1887.)	12,914 (on 4th May 1887.)
On boats un- loaded ...	23,151 (1st to 3rd May 86.)	18,635 (1st to 3rd June 1886.)	19,137 (1st to 3rd July 1886.)	98,469 (1st to 3rd August 86.)	35,147 (1st to 3rd September 86.)	22,144 (1st to 3rd Oct. 1886.)	25,219 (1st to 3rd Nov. 86.)	30,278 (3rd to 5th Dec. 86.)	75,383 (2nd to 4th Jan. 1887.)	81,461 (1st to 3rd Feb. 1887.)	78,008 (1st to 3rd Mar. 1887.)	54,877 (1st to 3rd April 1887.)	18,510 (1st to 3rd May 1887.)
By Canal returns	10,835 (1st to 3rd May 86.)	19,117 (1st to 3rd June 86.)	24,256 (1st to 3rd July 1886.)	15,728 (1st to 3rd August 86.)	35,389 (1st to 3rd September 86.)	44,919 (1st 3rd October 86.)	24,381 (1st to 3rd Nov. 86.)	21,411 (3rd to 5th Dec. 86.)	78,253 (2nd to 4th Jan. 1887.)	1,51,101 (1st to 3rd Feb. 1887.)	1,77,080 (1st to 3rd March 1887.)	81,375 (1st to 3rd April 1887.)	36,255 (1st to 3rd May 1887.)
Grand Total of Stocks	22,73,503	25,45,241	21,14,631	19,35,918	18,57,060	19,76,641	17,64,018	18,97,507	19,16,045	21,42,559	20,29,619	30,47,857	27,17,307
Probable stock available for exportation by sea.	12½ lakhs	14½ lakhs	10½ lakhs	8½ lakhs	8 lakhs	9½ lakhs	7½ lakhs	8½ lakhs	8½ lakhs	11 lakhs	9½ lakhs	20 lakhs	16½ lakhs

STATISTICAL DEPARTMENT.  
The 9th May 1887.

P. NOLAN,  
Secretary to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from  
1st to 7th May 1887.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1887.		°		Inches.	°	°	.	°	°	Inches	°	%			Inches.	
May	1st	148.5	10.1	29.692	84.7	94.0	17.3	76.7	77.7	0.862	74.7	73	SSE and variable ...	186	Nil	Partially cloudy, o.
"	2nd	151.0	9.5	.654	84.9	93.7	16.0	77.7	75.7	.772	71.4	65	SSE and variable ...	189	0.91	Chiefly cloudy, o, g, p, t, < /.
"	3rd	150.5	8.8	.655	80.8	90.0	25.0	65.0	73.5	.731	69.8	69	Variable ...	134	Nil	Chiefly cloudy, o, g, t, <
"	4th	135.5	1.8	.748	77.9	86.0	18.0	68.0	73.3	.767	71.3	80	ENE and variable ...	120	0.24	Chiefly cloudy, g, t, p /.
"	5th	153.7	8.6	.811	82.4	92.0	18.4	73.6	76.5	.836	73.8	77	ESE and S ...	92	0.04	Chiefly cloudy t, d D.
"	6th	154.7	9.8	.779	83.3	92.0	16.3	75.7	77.3	.857	74.6	76	SSE and S by W ...	100	Nil	Partially cloudy, t, D.
"	7th	155.1	8.4	.726	84.1	92.5	17.1	75.4	76.4	.807	72.8	69	S by W and SSW ...	135	"	Chiefly cloudy, D.

The mean pressure of the seven days	...	...	...	Inches.	29.724
The average pressure of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	29.700
The total number of hours of bright sunshine	...	...	...	Hours.	57.0
The maximum possible number of hours of sunshine	...	...	...	...	90.9
				°	
The mean temperature of the seven days	...	...	...	...	82.6
The average temperature of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	85.3
The extreme variation of temperature	...	...	...	...	29.0
The maximum temperature	...	...	...	...	94.0
				Miles.	
The highest velocity of the wind in one hour	...	...	...	...	22
				lbs.	
The highest pressure of wind on one square foot	...	...	...	...	25
				%	
The mean relative humidity	...	...	...	...	73
The average relative humidity of the corresponding period for 24 years, S. G.'s Office...	...	...	...	...	73
				Inches.	
The total fall of rain from 1st to 7th May 1887	...	...	...	...	1.19
The average fall of the corresponding period for 24 years, S. G.'s Office ..	...	...	...	...	0.86
The total fall from 1st January to 7th May 1887	...	...	...	...	6.82
The average fall of the corresponding period for 24 years, S. G.'s Office ..	...	...	...	...	5.68

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h., 10h., 16h., and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, p passing temporary showers, t thunder, d drizzling rain, / strong wind, < lightning, Δ dew.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA ;  
Calcutta, the 9th May 1887.

## Meteorological Report of the Province of

METEOROLOGICAL DIVISION.			STATION OBSERVATIONS.																
			DISTRICT.	Representative stations.	AIR PRESSURE.					TEMPERATURE.					HUMIDITY.		CLOUD.		Rainfall.
					Highest, 10 A.M., barometer reading of month.	Lowest, 10 A.M., barometer reading of month.	Mean, 10 A.M., for month.	Mean reduced to sea-level.	Variation from normal mean.	Highest of month.	Lowest of month.	Mean daily maximum temperature.	Mean daily minimum temperature.	Mean daily temperature.	Variation from normal mean.	Mean, 10 A.M., humidity.	Variation from normal mean.	Mean cloud amount, 10 A.M.		Variation from normal mean, 10 A.M.
ORISSA.	Pooree	Gopalpore ... False Point ...	29.933 29.983	29.609 29.708	29.818 29.869	29.878 29.888	— + 0.29	87.7 91.5	74.8 69.1	85.7 88.1	78.6 76.6	82.2 82.3	— - 2.3	76 75	— - 10	0.3 2.9	— - 0.1		
	Outtack	Outtack	29.911	29.627	29.791	29.872	+ 0.31	108.4	70.8	100.2	76.3	88.3	- 1.2	65	+ 2	0.5	- 2.5		
	Balasore	Balasore	29.935	29.646	29.809	29.868	—	102.1	68.9	89.3	74.4	81.9	—	60	—	0.1	—		
	South-West Midnapore and South 24-Pergunnahs.	Saugor Island	29.973	29.672	29.854	29.880	+ 0.22	95.7	72.5	90.2	78.8	84.5	0	78	- 2	3.7	- 1.0		
	Midnapore	Midnapore	29.829	29.534	29.698	29.849	—	105.4	67.2	97.9	73.9	85.9	—	—	—	1.4	—		
SOUTH-WEST BENGAL.	24-Pergunnahs, Howrah, and Hooghly.	Calcutta	29.903	29.664	29.840	29.862	+ 0.07	101.9	63.2	92.8	74.1	83.5	- 2.0	60	- 12	1.7	- 1.1		
	Burdwan	Burdwan	29.883	29.534	29.756	29.856	+ 0.30	104.1	65.9	97.2	73.7	85.5	- 2.3	50	- 7	1.5	- 1.0		
	Bankoora	Bankoora	29.951	29.305	29.524	—	—	107.1	66.7	97.8	74.2	86.0	—	50	—	0.7	—		
	West Burdwan and Beerbhoom.	Raniganj	29.940	29.346	29.517	—	—	109.1	64.2	99.4	73.3	86.4	—	45	—	0.8	—		
	Moershadabad	Bachampore	29.910	29.587	29.786	29.853	+ 0.32	103.2	65.2	95.1	72.6	83.9	- 3.5	60	0	1.0	- 2.3		
EAST BENGAL.	Nuddea	Krishnagar	29.920	29.615	29.802	—	—	102.1	64.5	94.8	72.3	83.6	—	56	—	1.8	—		
	Jessore and Khoolna	Jessore	29.967	29.632	29.839	29.872	+ 0.31	104.8	67.5	95.5	73.9	84.7	- 1.1	63	- 5	2.9	- 0.7		
	Chittagong	Chittagong	29.921	29.668	29.817	29.908	+ 0.14	92.2	63.0	89.3	72.8	81.1	- 0.3	65	- 12	4.3	+ 0.4		
	Chittagong Hill Tracts	Demagri	Observations not received.																
	Backergunj	Barrisal	29.968	29.689	29.807	29.879	—	95.3	61.1	91.0	73.3	89.1	—	67	—	2.0	—		
NORTH BENGAL.	Noakholly	Noakholly	29.917	29.635	29.850	29.893	—	91.5	62.0	89.2	72.6	80.9	—	61	—	1.1	—		
	Furreedpore	Furreedpore	29.959	29.634	29.846	—	—	94.5	64.5	86.9	71.5	79.2	—	61	—	0.1	—		
	Dacca	Dacca	29.976	29.675	29.800	29.882	+ 0.41	95.1	65.0	92.3	73.5	82.9	- 0.4	64	- 10	3.3	- 0.6		
	Tipperah	Comillah	29.908	29.609	29.859	29.895	—	95.3	67.8	92.1	72.6	82.4	—	63	—	3.1	—		
	Mymensingh	Mymensingh	29.970	29.652	29.844	—	—	92.3	64.1	89.2	70.3	79.8	—	70	—	3.7	—		
NORTH BENGAL.	Bogra	Bogra	29.893	29.583	29.782	29.845	—	102.0	61.7	93.7	71.5	82.6	—	64	—	2.7	—		
	Pubna	Serajgunj	29.932	29.624	29.816	29.863	—	100.5	61.2	92.6	71.0	81.8	—	65	—	2.9	—		
	Rajshahye	Rampore Beau-leah.	29.884	29.833	29.776	29.847	—	102.4	61.7	95.0	71.0	83.0	—	61	—	9.3	—		
	Maldah	Maldah	29.808	29.477	29.681	—	—	100.8	58.9	94.8	69.8	82.3	—	61	—	0.3	—		
	Dinapore	Dinapore	29.864	29.542	29.741	29.862	—	97.1	61.2	91.3	70.0	80.7	—	63	—	3.0	—		
NORTH BENGAL.	Rungpore	Rungpore	29.874	29.582	29.747	29.873	—	94.2	60.4	89.3	68.4	78.9	—	67	—	0.7	—		
	Julpigoree and Cooch Behar.	Julpigoree	29.726	29.408	29.606	29.896	—	92.0	60.4	87.4	67.9	77.7	—	69	—	3.3	—		
	Darjeeling Hill Tracts.	Darjeeling	23.084	22.899	23.004	—	+ 0.30	65.8	40.8	59.4	47.2	53.3	- 1.0	84	+ 10	6.1	0		
	Purneah and North Bhagulpore.	Purneah	29.871	29.520	29.737	29.863	+ 0.50	99.3	61.7	93.6	69.2	81.4	- 2.3	55	0	2.1	+ 0.3		
	Mozufferpore	Mozufferpore	Observations suspended.																
NORTH BENGAL.	Durbhunga	Durbhunga	29.823	29.475	29.653	29.862	+ 0.49	98.9	60.9	92.9	70.6	81.8	- 1.9	61	+ 10	0.7	- 0.7		
	Champaran	Motihari	29.746	29.422	29.609	29.837	—	100.5	55.7	93.2	66.9	80.1	—	51	—	2.4	—		
	Sarun	Chupra	29.778	29.462	29.638	—	—	104.5	58.9	97.2	70.7	84.0	—	43	—	1.0	—		
		Dehree	29.632	29.290	29.472	29.818	—	101.5	64.0	94.2	72.6	83.4	—	50	—	1.3	—		
	Shahabad	Buxar	29.735	29.417	29.583	29.824	—	105.0	62.9	97.7	71.5	84.6	—	35	—	0.9	—		
SOUTH BENGAL.		Arrah	29.771	29.453	29.616	29.812	—	106.4	60.3	98.4	70.4	84.4	—	39	—	0.8	—		
	Gya	Gya	29.579	29.275	29.437	29.810	- 0.01	107.6	66.5	100.1	74.2	87.2	- 1.7	44	+ 6	1.3	- 0.3		
	Patna	Bankipore	29.799	29.481	29.653	29.836	+ 0.29	105.0	61.3	97.6	70.6	84.1	- 2.8	49	+ 5	1.0	- 1.2		
	South Bhagulpore and Monghyr.	Bhagulpore	29.807	29.477	29.667	29.830	—	98.4	60.0	93.8	70.2	82.0	—	51	—	0.4	—		
	Sonthal Pergunnahs	Naya Doomka	29.460	29.172	29.332	—	—	105.2	63.5	97.5	72.7	85.1	—	58	—	0.1	—		
CHUTIA NAGPUR.	Hazaribagh	Hazaribagh	27.972	29.685	29.846	29.811	+ 0.19	105.0	62.8	96.2	70.7	83.5	- 0.7	20	- 11	1.5	- 1.1		
	Lohardugga and Manbhoom.	Ranchee	27.837	27.573	27.726	29.811	—	105.0	61.4	95.9	69.4	82.7	—	37	—	1.2	—		
	Singbhoom	Chaibassa	29.192	28.911	29.060	—	—	110.0	67.0	102.0	75.2	88.6	—	34	—	0.9	—		

\* Mean for 22 days.

† Mean for 28 days.

‡ Mean for 30 days.



Bengal for the month of April 1887.

DISTRICT OBSERVATIONS.											Representative stations.	DISTRICT.	METEOROLOGICAL DIVISION.
RAINFALL.													
Of month.					Since 15th May 1886.								
Mean of district.	Normal mean.	Variation from mean.	Number of rainy days.	Normal mean number of rainy days.	Mean of district.	Normal mean.	Variation.	Mean number of rainy days.	Normal mean number of rainy days.				
018	1.11	-0.93	1.0	2.2	62.14	58.82	+3.32	106.5	80.6	Gopalpore ... } Pooree ...	ORISSA.		
	1.10	-0.48	1.6	2.4	66.37	54.84	+11.53	110.8	85.0	Palse Point ... } Cuttack ...			
137	1.72	-0.35	2.7	3.6	61.41	57.85	+3.56	85.6	86.7	Cuttack ... } Balasore ...			
104	1.74	-0.70	2.7	3.3	55.51	67.56	-12.05	96.4	93.5	Balasore ... } Saugor Island ...			
123	1.60	-0.27	3.7	3.1	59.50	56.42	-3.08	100.1	79.3	South-West Midnapore and South 24-Pergunnahs. } Midnapore ...	SOUTH-WEST BENGAL.		
122	1.85	-0.63	3.4	4.0	62.06	56.54	+5.52	96.0	101.1	Midnapore ... } 24-Pergunnahs, Howrah, and Hooghly.			
143	2.24	-0.81	4.3	4.1	58.62	51.60	+7.02	90.6	85.2	Calcutta ... } Burdwan ...			
127	1.63	+0.04	5.3	2.6	56.83	55.00	+1.74	102.7	89.2	Burdwan ... } Bankoora ...			
204	1.18	+0.86	3.8	3.1	70.71	54.56	+16.15	105.4	90.4	Bankoora ... } Ranigunj ...	SOUTH-WEST BENGAL.		
677	1.35	-0.58	2.5	3.0	64.79	51.91	+12.88	104.1	84.8	West Burdwan and Beerbhoom. } Berhampore ...			
126	2.03	-1.67	5.0	4.8	61.48	54.76	+6.72	90.8	88.2	Moorshedabad ... } Krishnagar ...			
648	3.44	-2.96	1.9	5.7	64.14	60.33	+3.81	88.9	97.2	Nuddea ... } Jessore and Khoolna ...			
NH	2.95	-2.95	0.0	4.0	133.58	119.40	+14.18	118.5	117.8	Jessore ... } Chittagong ...	SOUTH-WEST BENGAL.		
NH	3.67	-3.67	0.0	6.1	98.14	89.62	+8.52	130.5	126.6	Chittagong Hill Tracts } Chittagong ...			
673	3.05	-2.80	1.5	5.2	82.38	84.23	-1.87	117.1	117.9	Demagiri ... } Backergunj ...			
638	4.44	-4.66	1.5	6.2	128.92	117.67	+11.25	116.0	123.1	Chittagong Hill Tracts } Noakhally ...			
122	3.08	-2.46	2.0	6.6	66.56	68.50	+3.06	93.3	101.3	Noakhally ... } Furzedpore ...	EAST BENGAL.		
151	4.39	-2.88	3.3	7.8	83.08	66.92	+16.16	108.8	105.6	Furzedpore ... } Dacca ...			
107	4.72	-2.75	2.0	6.8	80.10	80.59	+0.49	110.0	112.8	Dacca ... } Commillah ...			
261	3.77	-1.16	5.2	7.4	75.13	74.12	+1.01	101.2	101.3	Tipperah ... } Mymensingh ...			
623	1.74	-1.51	1.5	4.0	70.75	59.79	+10.96	91.1	85.9	Mymensingh ... } Bogra ...	EAST BENGAL.		
114	2.86	-1.72	3.5	6.1	66.75	58.73	+8.02	109.5	90.8	Bogra ... } Scrugunj ...			
670	1.81	-1.11	1.5	3.4	63.53	57.27	+6.26	82.5	85.1	Pubna ... } Rampore Beaulah.			
123	0.97	+0.36	3.0	2.4	64.78	55.82	+8.96	9.5	90.9	Rajshahye ... } Maldah ...			
631	1.02	-0.41	2.8	2.4	76.36	55.82	+20.54	95.8	82.1	Maldah ... } Dinagopore ...	NORTH BENGAL.		
618	3.15	+5.93	5.8	5.0	82.59	78.36	+4.23	91.5	85.1	Dinagopore ... } Rungpore ...			
681	4.03	+1.81	10.8	6.6	118.67	116.75	+1.92	117.6	108.4	Rungpore ... } Julpigoree and Cooch Behar.			
602	4.50	+1.52	13.3	9.3	150.00	124.21	+25.79	147.1	127.2	Julpigoree and Cooch Behar. } Darjeeling Hill Tracts...			
109	1.13	-0.04	2.6	2.3	81.95	58.85	+23.10	94.0	73.7	Darjeeling Hill Tracts... } Purneah and North Bhagulpore.	NORTH BENGAL.		
657	0.58	-0.01	1.7	1.3	62.53	43.61	+18.92	70.4	61.3	Purneah ... } Mozufferpore ...			
669	0.63	+0.06	2.0	1.3	63.89	44.48	+19.41	72.0	60.3	Mozufferpore ... } Durbhunga ...			
622	0.68	+0.14	3.5	1.3	63.90	47.03	+16.86	76.0	56.4	Durbhunga ... } Motihari ...			
642	0.20	+0.22	1.3	1.1	63.64	42.43	+21.21	72.9	60.5	Chumparan ... } Chupra ...	NORTH BENGAL.		
663	0.15	+0.48	1.8	0.8	57.51	40.40	+17.11	74.6	65.3	Sarun ... } Dehree ...			
668	0.24	+0.42	2.0	0.8	67.19	41.24	+25.95	82.2	59.9	Shahabad ... } Arrah ...			
625	0.22	+0.03	1.8	1.0	62.48	41.29	+21.19	83.8	65.3	Gya ... } Gya ...			
676	0.50	+0.25	1.8	1.3	62.81	46.44	+16.37	82.0	70.2	Patna ... } Bankipore ...	SOUTH BENGAL.		
123	0.72	+0.51	2.8	1.9	73.85	50.68	+23.17	100.5	79.2	South Bhagulpore and Moughyr. } Bhagulpore ...			
629	0.27	+0.02	1.4	1.0	59.18	51.79	+7.39	94.8	86.3	Sonthal Pergunnahs ... } Naya Doomka...			
684	0.62	+0.22	3.5	2.3	51.27	49.74	+1.53	104.7	88.7	Hazaribagh ... } Hazaribagh ...			
679	0.73	-0.54	2.0	3.0	44.11	54.97	-10.86	101.0	101.4	Lohardugga and Manbhoom. } Ranchee ...	CHUTIA NAG-PUR.		
										Singbhoom ... }			
										Chaibassa ... }			

Table of Rainfall recorded at Stat

[illegible]







Bengal in April 1887—continued.

	22	23	24	25	26	27	28	29	30	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st January 1887 up to 30th April 1887.	Average rainfall from 1st January up to 30th April 1887.	Station.	District.	Meteorological division.	
...	...	...	...	...	...	...	...	...	...	1	...	0.55	...	0.55	7.76	...	Harishpore...	Noakholly—	EAST BENGAL	
...	...	...	...	...	...	...	...	...	...	Nil	...	0.86	...	0.86	8.80	...	Ramganj.	conced.	—conced.	
...	...	...	...	...	...	...	...	...	...	1	...	3.46	...	3.46	5.27	...	Maduripore	Furriedpore.		
...	...	...	...	...	...	...	...	...	...	5	...	3.29	...	3.61	5.40	...	Furriedpore.			
...	...	...	...	...	...	...	...	...	...	5	...	3.29	...	3.61	10.15	...	Goaldoo.			
...	...	...	...	...	...	...	...	...	...	4	...	7.4	...	1.11	4.58	...	Munshigunge.	Dacca.		
...	...	...	...	...	...	...	...	...	...	4	...	8.9	...	2.31	5.71	...	Dacca.			
...	...	...	...	...	...	...	...	...	...	4	...	7.3	...	1.17	3.57	...	Narsingaunge.			
...	...	...	...	...	...	...	...	...	...	4	...	7.7	...	1.44	3.74	...	Manickgunge.			
...	...	...	...	...	...	...	...	...	...	4	...	2.06	...	1.26	10.93	...	Joydebpore.			
...	...	...	...	...	...	...	...	...	...	2	...	6.5	...	4.87	4.51	...	Agartola	Hill Tipperah.		
...	...	...	...	...	...	...	...	...	...	2	...	7.6	...	6.86	6.38	...	Comilla	Tipperah.		
...	...	...	...	...	...	...	...	...	...	2	...	5.9	...	1.40	4.23	...	Chandpore.			
...	...	...	...	...	...	...	...	...	...	2	...	7.3	...	0.81	4.43	...	Brahmanbaria			
...	...	...	...	...	...	...	...	...	...	2	...	...	...	0.52	...	...	Ramchandrapore.			
...	...	...	...	...	...	...	...	...	...	1	...	0.10	...	0.10	...	...	Nasirganj.			
...	...	...	...	...	...	...	...	...	...	Nil	...	...	...	...	...	...	Dandkandi.			
...	...	...	...	...	...	...	...	...	...	Nil	...	...	...	...	...	...	Kasba.			
...	...	...	...	...	...	...	...	...	...	Nil	...	...	...	...	...	...	Laksham.			
...	...	...	...	...	...	...	...	...	...	4	...	7.9	...	3.18	1.50	...	Kishoreganje.	Myriensingh.		
...	...	...	...	...	...	...	...	...	...	2	...	6.2	...	1.28	3.41	...	Atia (Tanzail).			
...	...	...	...	...	...	...	...	...	...	8	...	7.8	...	1.60	5.43	...	Mymensingh.			
...	...	...	...	...	...	...	...	...	...	7	...	5.8	...	4.47	3.18	...	Jamulpore.			
...	...	...	...	...	...	...	...	...	...	5	...	9.0	...	2.50	3.41	...	Netrokona.			
...	...	...	...	...	...	...	...	...	...	6	...	...	...	1.69	...	...	Subarnachally.			
...	...	...	...	...	...	...	...	...	...	5	...	...	...	4.53	...	...	Durgapore.			
...	...	...	...	...	...	...	...	...	...	6	...	...	...	3.52	...	...	Dewanganj.			
...	...	...	...	...	...	...	...	...	...	4	...	7.0	...	1.26	3.39	...	Pubna	Pubna.	NORTH BENGAL.	
...	...	...	...	...	...	...	...	...	...	3	...	4.3	...	1.62	2.9	...	Serajganje.			
...	...	...	...	...	...	...	...	...	...	Nil	...	3.6	...	Nil	1.32	...	Sherpore	Bogra.		
...	...	...	...	...	...	...	...	...	...	3	...	4.7	...	0.72	1.82	...	Nowkhilla.			
...	...	...	...	...	...	...	...	...	...	3	...	4.9	...	6.21	3.28	...	Bozra.			
...	...	...	...	...	...	...	...	...	...	Nil	...	2.4	...	Nil	1.27	...	Panchbibi.			
...	...	...	...	...	...	...	...	...	...	2	...	3.9	...	0.61	1.72	...	Bennish.	Rajshahye.		
...	...	...	...	...	...	...	...	...	...	1	...	2.9	...	0.80	2.11	...	Natore.			
...	...	...	...	...	...	...	...	...	...	2	...	...	...	0.71	...	...	Nuogam.			
...	...	...	...	...	...	...	...	...	...	Nil	...	...	...	Nil	...	...	Lalpor.			
...	...	...	...	...	...	...	...	...	...	1	...	...	...	0.85	...	...	Mlanda.			
...	...	...	...	...	...	...	...	...	...	4	...	2.6	...	2.12	1.10	...	Maldah	Maldah.		
...	...	...	...	...	...	...	...	...	...	2	...	2.3	...	0.53	0.98	...	Chanchal.			
...	...	...	...	...	...	...	...	...	...	3	...	...	...	0.42	...	...	Gajol.			
...	...	...	...	...	...	...	...	...	...	3	...	...	...	1.20	...	...	Sibganj.			
...	...	...	...	...	...	...	...	...	...	3	...	1.6	...	0.75	1.07	...	Mahadebpore.	Dinagopore.		
...	...	...	...	...	...	...	...	...	...	3	...	1.6	...	0.68	0.54	...	Churamon.			
...	...	...	...	...	...	...	...	...	...	3	...	2.8	...	0.49	1.00	...	Raigunge.			
...	...	...	...	...	...	...	...	...	...	4	...	3.6	...	0.82	2.11	...	Dinagopore.			
...	...	...	...	...	...	...	...	...	...	1	...	2.4	...	0.24	0.67	...	Baloozhat.			
...	...	...	...	...	...	...	...	...	...	5	...	4.1	...	4.70	2.57	...	Bhawaniganje	Rungpore.		
...	...	...	...	...	...	...	...	...	...	7	...	5.4	...	4.91	3.00	...	(Ghabanda).			
...	...	...	...	...	...	...	...	...	...	8	...	5.5	...	14.48	4.79	...	Kongpore.			
...	...	...	...	...	...	...	...	...	...	3	...	4.8	...	0.61	3.11	...	Kurigram.			
...	...	...	...	...	...	...	...	...	...	9	...	...	...	8.12	...	...	Gadottra.			
...	...	...	...	...	...	...	...	...	...	9	...	...	...	...	...	...	(Nilphamari)			
...	...	...	...	...	...	...	...	...	...	10	...	6.6	...	2.86	3.63	...	Gilpore.			
...	...	...	...	...	...	...	...	...	...	12	...	...	...	8.48	...	...	Julpigoree.	Julpigoree.		
...	...	...	...	...	...	...	...	...	...	11	...	...	...	4.08	...	...	Almora Doar.			
...	...	...	...	...	...	...	...	...	...	9	...	...	...	3.88	...	...	Palacotta.			
...	...	...	...	...	...	...	...	...	...	10	...	6.5	...	7.23	4.35	...	Daviganj.			
...	...	...	...	...	...	...	...	...	...	13	...	7.9	...	4.50	5.30	...	Dinnahla.	Cooch Behar.		
...	...	...	...	...	...	...	...	...	...	10	...	5.5	...	5.82	4.73	...	Cooch Behar.			
...	...	...	...	...	...	...	...	...	...	11	...	6.0	...	9.27	4.29	...	Mickligunge.			
...	...	...	...	...	...	...	...	...	...	11	...	...	...	...	...	...	Matibhanga.			
...	...	...	...	...	...	...	...	...	...	11	...	12.5	...	7.99	8.67	...	Buxa	Darjeeling Hill.		
...	...	...	...	...	...	...	...	...	...	11	...	5.0	...	4.53	2.65	...	Siliguri.			
...	...	...	...	...	...	...	...	...	...	19	...	10.5	...	5.35	3.66	...	Darjeeling.			
...	...	...	...	...	...	...	...	...	...	12	...	9.0	...	6.22	3.08	...	Kalimpong.			
...	...	...	...	...	...	...	...	...	...	1	...	3.2	...	0.10	1.28	...	Kissengunge	Purnea.	NORTH BENGAL.	
...	...	...	...	...	...	...	...	...	...	3	...	2.3	...	0.28	1.39	...	Arrarrah.			
...	...	...	...	...	...	...	...	...	...	3	...	2.6	...	1.48	1.23	...	Purnea.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Gandwara.			
...	...	...	...	...	...	...	...	...	...	6	...	...	...	1.07	...	...	Belarampore.			
...	...	...	...	...	...	...	...	...	...	4	...	...	...	1.28	...	...	Matari.			
...	...	...	...	...	...	...	...	...	...	3	...	1.6	...	0.66	0.90	...	Kaliajanj.			
...	...	...	...	...	...	...	...	...	...	3	...	1.6	...	0.66	0.90	...	Maddapore	North Bhagalpore.		
...	...	...	...	...	...	...	...	...	...	5	...	...	...	2.09	...	...	Sonpoul.			
...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	Protahganj.			
...	...	...	...	...	...	...	...	...	...	2	...	0.8	...	0.32	0.29	...	Tajpore	Darbhanga.		
...	...	...	...	...	...	...	...	...	...	2	...	1.9	...	0.95	0.59	...	Darbhanga.			
...	...	...	...	...	...	...	...	...	...	2	...	1.8	...	0.79	1.03	...	Nadhubani.			
...	...	...	...	...	...	...	...	...	...	3	...	...	...	1.64	...	...	Bahera.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Rozera.			
...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...			
...	...	...	...	...	...	...	...	...	...	2	...	1.8	...	1.20	1.02	...	Sitamarhi	Muzafferpore.		
...	...	...	...	...	...	...	...	...	...	2	...	1.3	...	0.42	0.48	...	Muzafferpore.			
...	...	...	...	...	...	...	...	...	...	1	...	0.9	...	0.68	0.19	...	Itajipore.			
...	...	...	...	...	...	...	...	...	...	3	...	...	...	0.52	...	...	Purn.			



Table of Rainfall recorded at Station

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SOUTH BEHAR	Shahabad	Buxar	...	...	...	...	...	...	...	0'40	0'12	0'41	...	...	...	...	...	...	...	...	...	...
		Dehree	...	...	...	...	...	...	...	...	...	0'25	...	...	...	...	...	...	...	...	...	...
		Bhuboonah	...	...	...	...	...	...	...	...	...	0'65	...	...	...	...	...	...	...	...	...	...
		Sasseram	...	...	...	...	...	...	...	1'11	...	0'10	...	...	...	...	...	...	...	...	...	...
		Arrah	...	...	...	...	...	...	...	...	0'06	0'05	...	...	...	...	...	...	...	...	...	...
	Gya	Mohaniah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Aurungabad	...	...	...	...	...	...	...	0'10	...	0'59	...	...	...	...	...	...	...	...	...	...
		Gya	...	...	...	...	...	...	...	...	...	0'30	...	...	...	...	...	...	...	...	...	...
		Nowadah	...	...	...	...	...	...	...	0'16	...	0'83	...	...	...	...	...	...	...	...	...	...
		Jehanabad	...	...	...	...	...	...	...	0'02	0'12	0'50	...	...	...	...	...	...	...	...	...	...
		Arwal	...	...	...	...	...	...	...	...	...	0'38	...	...	...	...	...	...	...	...	...	...
		Daudnagar	...	...	...	...	...	...	...	...	...	0'20	...	...	...	...	...	...	...	...	...	...
		Sherrghati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajauli	...	...	...	...	...	...	...	...	0'40	...	...	...	...	...	...	...	...	...	...	...
		Pakri Bara- wan.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patna	Patna	...	...	...	...	...	...	...	0'03	0'08	0'02	...	...	...	...	...	...	...	...	...	...
		Dinapore	...	...	...	...	...	...	...	...	0'11	0'09	...	...	...	...	...	...	...	...	...	...
		Behar	...	...	...	...	...	...	...	...	...	0'48	...	...	...	...	...	...	...	...	...	...
		Barh	...	...	...	...	...	...	...	...	...	0'20	...	...	...	...	...	...	...	...	...	...
		Bickrun	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Monghyr	Hilsa	...	...	...	...	...	...	...	0'02	0'06	0'38	...	...	...	...	...	...	...	...	...	...
		Begoesrai	...	...	...	...	...	...	...	...	...	0'02	...	...	...	...	...	...	...	...	...	...
		Monghyr	...	...	...	...	...	...	...	...	...	1'26	...	...	...	...	...	...	...	...	...	...
		Jamui	...	...	...	...	...	...	...	...	0'33	0'21	...	...	...	...	...	...	...	...	...	...
	South Bhagui- pore.	Gogri	...	...	...	...	...	...	...	...	...	0'65	...	...	...	...	...	...	...	...	...	...
		Sheikpura	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhagulpore	...	...	...	...	...	...	...	...	...	0'02	0'21	...	0'14	...	...	...	...	...	...	...
	Sonthal Per- gunnahs.	Banka	...	...	...	...	...	...	...	...	0'10	0'24	...	...	...	...	...	...	...	...	...	...
		Kolgaon	...	...	...	...	...	...	...	...	...	0'65	...	...	1'50	...	...	...	...	...	...	...
		Rajmehal	...	...	...	...	...	...	...	...	...	0'27	...	...	...	...	...	...	...	...	...	...
		Godda	...	...	...	...	...	...	...	...	0'10	0'40	...	...	...	...	0'42	...	...	0'20	...	...
		Pakour	...	...	...	...	...	...	...	...	...	0'73	...	...	...	...	2'38	...	...	...	...	...
		Nya Doonka	...	...	...	...	...	...	...	...	0'15	...	...	...	...	...	0'31	...	...	...	...	...
		Deoghur	...	...	...	...	...	...	...	...	0'41	...	...	...	...	...	0'02	...	...	...	...	...
		Jamtara	...	...	...	...	...	...	...	...	0'39	...	...	...	...	...	0'03	...	...	...	...	...
		Simra	...	...	...	...	...	...	...	...	0'85	...	...	...	...	...	0'15	0'32	0'27	...	...	...
CHUTIA NAG- PCE.	Hazaribagh	Nanhat	...	...	...	...	...	...	...	...	0'40	...	0'50	...	0'10	...	...	...	...	...	...	...
		Jachamba	...	...	...	...	...	...	...	...	0'13	...	...	...	0'13	...	...	...	...	...	0'36	...
		(Girdi).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hazaribagh	...	...	...	...	...	...	...	0'24	0'03	...	...	...	...	...	...	...	...	...	...	...
		Semtagurh	...	...	...	...	...	...	...	...	0'25	...	...	...	...	...	...	...	...	...	...	...
		Mahudi Hills	...	...	...	...	...	...	...	...	0'32	...	...	...	...	...	...	...	...	...	...	...
		Jhoomrah Hills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barhi	...	...	...	...	...	...	...	...	1'80	...	...	...	...	...	...	...	...	...	...	...
		Chatra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lohardugga	Karandaha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ramghar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lohardugga	...	...	0'18	...	...	...	...	...	0'03	...	...	...	...	...	...	...	...	...	...	...
		Ranchi	...	...	0'32	...	...	...	...	...	0'24	...	...	...	...	...	...	...	...	...	...	...
		Palamow	...	...	...	...	...	...	...	...	0'06	0'04	...	...	...	...	...	...	...	...	...	...
		Silli	...	...	...	...	...	...	...	...	...	...	...	...	...	0'15	...	...	...	...	...	...
	Singbhoom	Balumat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hosainabad	...	...	...	...	...	...	...	...	0'15	...	...	...	...	...	...	...	...	...	...	...
		Garwah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chyebassa	...	...	...	...	...	...	...	...	0'17	...	...	...	...	...	...	...	...	...	...	...
	Manbhoom	Chakradhar- pore.	...	...	...	...	...	...	...	...	0'18	...	...	...	...	...	...	...	...	...	...	...
		Ghatsila	...	...	...	...	...	...	...	...	...	0'09	...	...	...	...	...	...	...	...	...	...
		Baharagura	...	...	...	...	...	...	...	...	0'26	...	...	...	...	...	0'32	...	...	0'24	...	...
		Purulia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'08	...	...	0'18	...	...
	Manbhoom	Gobindpore	...	...	...	...	...	...	...	...	0'33	0'38	...	...	...	...	0'87	...	...	0'04	0'01	...
		Raghunath- pore.	...	...	...	...	...	...	...	...	...	0'04	...	...	...	...	0'40	...	...	0'15	...	...
		Barrabhoom	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0'13	...	...	0'05	...	...
		Jhalda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chas	...	...	...	...	...	...	...	...	...	...	0'12	...	...	...	0'26	1'15	0'43	0'35	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1'20	...	...	...	...	...

Bengal for the month of April 1887—concluded.

22	23	24	25	26	27	28	29	30	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st January 1887 up to 30th April 1887.	Average rainfall from 1st January up to 30th April 1887.	Station.	District.	Meteorological division.
...	...	...	...	...	...	...	...	...	2	0.8	0.53	0.17	0.41	2.92	1.56	Buxar	Shahabad	SOUTH BEHAR.
...	...	...	...	...	...	...	...	...	1	0.5	0.65	0.13	0.40	2.33	1.20	Bhuree.		
...	...	...	...	...	...	...	...	...	1	0.5	0.65	0.13	0.40	2.33	1.20	Bhubooh.		
...	...	...	...	...	...	...	...	...	1	0.8	1.21	0.18	1.11	3.02	1.47	Sasseram.		
...	...	...	...	...	...	...	...	...	1	1.0	0.11	0.53	0.46	2.73	2.43	Arrah.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0.63	?	Mohaniah.		
...	...	...	...	...	...	...	...	...	2	0.9	0.40	0.24	0.59	2.82	1.62	Aurangabad	Gya	
...	...	...	...	...	...	...	...	...	1	1.1	0.39	0.33	0.30	2.01	1.07	Gya.		
...	...	...	...	...	...	...	...	...	1	0.9	0.39	0.32	0.33	3.67	1.95	Nowadah.		
...	...	...	...	...	...	...	...	...	3	0.4	0.64	0.16	0.50	3.30	1.64	Jehanabad.		
...	...	...	...	...	...	...	...	...	1	?	0.38	?	0.38	2.63	?	Arwal.		
...	...	...	...	...	...	...	...	...	1	?	0.39	?	0.29	1.40	?	Grandnagar.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	?	3.15	?	Sherrghatti.		
...	...	...	...	...	...	...	...	...	1	?	0.40	?	0.40	3.80	?	Rafault.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2.88	?	Pakri Bara-wan.		
...	...	...	...	...	...	...	...	...	3	1.1	0.13	0.28	0.88	2.14	1.80	Patna	Patna.	
...	...	...	...	...	...	...	...	...	1	1.0	0.20	0.25	0.11	2.81	1.43	Dinapore.		
...	...	...	...	...	...	...	...	...	1	1.1	0.48	0.23	0.48	5.38	1.79	Behar.		
...	...	...	...	...	...	...	...	...	Nil	0.9	0.20	0.13	?	1.60	1.42	Barrh.		
...	...	...	...	...	...	...	...	...	3	?	?	?	?	?	?	Bickrun.		
...	...	...	...	...	...	...	...	...	1	1.2	0.69	0.37	0.62	4.35	1.74	Begoeserai	Monghyr.	
...	...	...	...	...	...	...	...	...	1	1.3	1.26	0.46	1.26	4.67	2.02	Monghyr.		
...	...	...	...	...	...	...	...	...	2	0.9	0.54	0.30	0.33	5.28	2.29	Jamui.		
...	...	...	...	...	...	...	...	...	Nil	?	?	?	?	?	?	Gogri.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2.50	?	Sheikpura.		
...	...	...	...	...	...	...	...	...	3	1.8	0.97	0.83	0.62	4.12	2.39	Bhagulpore	South Bhagulpore.	
...	...	...	...	...	...	...	...	...	2	1.5	0.34	0.56	0.24	3.57	2.03	Banka.		
...	...	...	...	...	...	...	...	...	2	?	2.15	?	1.50	5.03	?	Kolcong.		
...	...	...	...	...	...	...	...	...	3	1.5	0.89	1.07	0.42	2.83	2.09	Rajmehal	Sonthal Pergunnahs.	
...	...	...	...	...	...	...	...	...	3	1.4	2.78	0.50	2.28	6.16	1.85	Godda.		
...	...	...	...	...	...	...	...	...	2	1.1	1.04	0.41	0.73	3.91	2.06	Pakour.		
...	...	...	...	...	...	...	...	...	2	3.1	0.17	1.04	0.15	3.39	3.02	Nya Doomka.		
...	...	...	...	...	...	...	...	...	2	2.2	1.34	0.83	0.93	3.63	2.61	Deoghur.		
...	...	...	...	...	...	...	...	...	5	1.8	1.18	0.62	0.39	4.81	2.56	Jamtara.		
...	...	...	...	...	...	...	...	...	3	?	1.45	?	0.85	4.36	?	Simra.		
...	...	...	...	...	...	...	...	...	1	?	0.40	?	0.40	4.24	?	Nanihat.		
...	...	...	...	...	...	...	...	...	3	2.0	0.62	0.66	0.36	1.94	2.42	Pachamba	Hazaribagh	CHUTIA NAGPUE.
...	...	...	...	...	...	...	...	...	2	2.2	0.27	0.37	0.24	3.02	2.34	(Goridi).		
...	...	...	...	...	...	...	...	...	1	0.6	0.25	0.24	0.25	2.53	2.50	Hazaribagh.		
...	...	...	...	...	...	...	...	...	1	0.3	0.32	0.07	0.32	2.94	2.15	Semtagurah.		
...	...	...	...	...	...	...	...	...	Nil	Nil	Nil	Nil	Nil	1.90	1.41	Mahudi Hills.		
...	...	...	...	...	...	...	...	...	1	?	1.80	?	?	?	?	Jhoomrah Hills.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	?	2.81	?	Barhi.		
...	...	...	...	...	...	...	...	...	1	?	0.32	?	?	2.27	?	Chatra.		
...	...	...	...	...	...	...	...	...	1	?	0.02	?	0.02	2.93	?	Karagdeha.		
...	...	...	...	...	...	...	...	...	1	?	?	?	?	?	?	Kamghar.		
...	...	...	...	...	...	...	...	...	2	?	0.21	?	0.18	2.91	?	Lohardugga	Lohardugga.	
...	...	...	...	...	...	...	...	...	3	2.5	0.66	0.64	0.32	2.95	3.79	Ranchi.		
...	...	...	...	...	...	...	...	...	3	1.3	0.25	0.31	0.15	4.35	2.20	Palamow.		
...	...	...	...	...	...	...	...	...	1	?	0.65	?	0.05	1.59	?	Silli.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	Batumat.		
...	...	...	...	...	...	...	...	...	1	?	0.15	?	0.15	1.58	?	Hoseinabad.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1.96	?	Garwah.		
...	...	...	...	...	...	...	...	...	0.02	2	3.0	0.19	0.70	0.61	3.45	Chyabassa	Singbhoom.	
...	...	...	...	...	...	...	...	...	1	?	?	0.18	?	1.53	?	Chakraduapore.		
...	...	...	...	...	...	...	...	...	3	?	1.25	?	0.84	3.33	?	Ghatsila.		
...	...	...	...	...	...	...	...	...	0.13	0.66	?	?	0.98	4.27	?	Baharagura.		
...	...	...	...	...	...	...	...	...	0.06	4	3.7	0.98	0.82	2.25	3.06	Purulia	Manbhoom.	
...	...	...	...	...	...	...	...	...	1	1.7	1.46	0.66	0.63	3.98	2.53	Gobindpore.		
...	...	...	...	...	...	...	...	...	3	?	0.82	?	0.65	2.21	?	Raghunathpore.		
...	...	...	...	...	...	...	...	...	0.20	6	?	?	?	?	?	Barrabhoom.		
...	...	...	...	...	...	...	...	...	Nil	?	?	?	?	?	?	Jhalda.		
...	...	...	...	...	...	...	...	...	1	?	1.30	?	1.30	3.32	?	Chas.		



### METEOROLOGICAL AND RAINFALL SUMMARY OF THE PROVINCE OF BENGAL FOR THE MONTH OF APRIL 1887.

THE month of April may be taken as the first full month of the hot season in Bengal, and the meteorological conditions of this month are hence characterised usually by steadily increasing temperature. At the same time also pressures generally decrease considerably during the month, the decrease being brought about by a series of oscillations in which the downward movement is greater than the upward. Hot-weather storms or nor'-westers are also generally rather frequent in this month, and they are apparently brought about by the fact that the winds blowing over the province frequently form a kind of converging system, the component parts of which are of totally different character. Thus southerly and south westerly moist sea winds blow over the south of the province, and, as the month advances, they penetrate to a further distance inland. In East Bengal, on the other hand, these winds appear as south-east winds. Dry hot westerly winds blow from Northern India over the greater part of Behar and Chutia Nagpur, while easterly winds usually blow down the Assam Valley, and advance over the northern parts of the province. These three wind components vary in strength and persistency, and also in humidity, and by their interaction, which may take place in different parts of the province, nor'-westers are undoubtedly produced. The following short summary of the characteristics of these small storms was given in the weekly report for April 1st:—"Nor'-westers are local storms limited to a small area, but which are due to a general disturbance of the atmosphere over a large area. They may occur on the same day in East, North and South-West Bengal, but the storms in one district are not, as a rule, the continuation of storms in another district, in which respect they differ entirely from the larger cyclonic storms of the south-west monsoon. For some days before they occur the barometer falls in Bengal and Northern India; the sea winds blowing across the Bengal and Orissa coasts increase in strength and bring up much aqueous vapour into Bengal; whilst the land winds down the Brahmaputra and Gangetic valleys strengthen considerably. Bengal thus becomes a focus towards which winds, opposed in direction and character, converge. The result of their interaction during the hot-weather months is frequent periods of disturbance, shown chiefly by the occurrence of local thunder-storms. The barometer falls slowly for some days before, and oscillates rapidly during their occurrence. Each thunder-storm affects a small narrowish area, and probably does not advance as a violent storm more than 30 to 40 miles. They are accompanied by much atmospheric commotion on the small scale, frequently shown by the appearance of two, three, or even a greater number of cloud masses, moving at different elevations in different directions. The rainfall which accompanies these storms is hence very irregularly distributed, but as a general rule is greatest in the districts of East and North Bengal bordering on the Himalays, the Assam and Arracan hills, and is least in Behar and Central Bengal."

All the rain which is received in Bengal in April is practically brought up by these local storms, so that its distribution is sometimes very irregular.

At the latter end of March an unusually extensive and vigorous series of storms, accompanied by heavy rainfall in many districts, had occurred over the province, but with the disappearance of the disturbed conditions pressure had rapidly risen, and by the close of that month fine clear weather was established over the province. Owing also to the heavy rainfall which had accompanied these storms, the temperature was remarkably low for the season. At this time westerly winds were blowing in Behar and light unsteady winds in Bengal; but with the rapid increase of temperature which took place in the interior of the province, southerly moist winds again set in at the coast districts, and gradually extended their influence over the greater part of Bengal. Conditions became slightly unsettled again about the 6th or 7th, when a small disturbance, which appears to have formed in Upper or Central India, entered the province and gave light rain to South Behar and Chutia Nagpur on the latter date. The indraught towards the small disturbance increased considerably on the 7th and 8th, and strongish winds prevailed throughout the province; and on the 8th the disturbance passed into Southern Bengal, giving light to moderate showers over all parts of the province except Orissa on the one side, and East and the greater part of North Bengal on the other. On the 9th weather conditions became nearly settled in Chutia Nagpur and South-West Bengal, while the area of disturbance extended to North Bengal and Behar, where fairly general rain fell on this day. The wind directions over the province continued somewhat unusual, and about this period moist easterly winds were blowing over Behar instead of the usual dry westerly winds, and the air was consequently damper than usual over the interior of the province. A rapid fall of pressure then commenced on the 12th, accompanied by a decided increase in the strength of the southerly winds blowing over the coast districts, and of the easterly winds blowing in Behar, and slight atmospheric disturbance was caused which gave thunder-storms on the 14th in the neighbourhood of the hills in North Bengal and Behar, in the Sonthal Pergunnahs, in Maubhoom, and in many districts in South-West Bengal. On the 15th the disturbance extended to the south, and gave moderate rain to Orissa and the greater part of South-West Bengal, and also in the hill districts of North Bengal.

Up till about the middle of the month the weather over the province had been decidedly cooler than usual, and winds had been mainly southerly and easterly, but on the 18th westerly winds were re-established in Central and South Behar, and gradually extended eastwards,

and forced their way across West into Central Bengal, producing of course a very rapid decrease in humidity, but a correspondingly rapid increase in temperature. There was in fact an unusually rapid increase in temperature on the 21st and 22nd, and temperatures reported about this date were very high. All the western districts at this time were practically free from rain, but showers continued to fall in East and North Bengal. These conditions were accompanied by a decidedly rapid and almost continuous fall of pressure during the week, which was greatest in the neighbourhood of North Bengal, and on about the 22nd pressure was decidedly low over this area, though perhaps it scarcely amounted to the formation of a distinct barometric depression. This low pressure area afterwards practically filled up, and towards the close of the month it had extended towards Central and Western Bengal. This distribution of pressure caused the wind system blowing over the province to be somewhat unusual; south-westerly winds were reported over the whole of Chutia Nagpur, Orissa and South-West Bengal, and even as far east as Noakholly in East Bengal south-westerly winds were reported on every day of the last week of the month; in North Bengal winds were south-easterly and in Behar easterly. Owing to the great increase in temperature before alluded to, which had taken place over the province, which continued for several days, and which had caused unusually large differences of temperature to obtain, and perhaps owing to the somewhat abnormal distribution of pressure just described, the sea winds blowing at the head of the Bay commenced to increase in force very rapidly, and on the 28th and 29th were blowing with most unusual force. This is shown by the fact that the wind velocity at Saugor Island for the last week in April averaged 20 miles an hour, and on the 28th and 29th it averaged 23 miles an hour; also the wind velocity at False Point and Gopalpur on the same days was 20 miles. The large amounts of moisture which were thus brought up by these strong winds commenced to give heavy rain over parts of North and East Bengal on about the 25th and 26th, and on the 29th, owing to the disturbed conditions having passed towards Central Bengal, showers became rather frequent over South-West Bengal on this day and on the 30th.

One feature of interest in the meteorology of April was the setting in of strong winds in the south of the Bay, as shown by the observations at the Ceylon stations on about the 28th instant. They only lasted for a day or two and then died away. This would probably point to an early setting in of the rains in the south of the Bay. It is possible that the small cyclone or cyclonic storm reported from Rangoon on May 3rd may have been a small storm in the front of this first advance of monsoon winds.

*Pressure.*—The barometric movements during the first week of the month were small and of little importance, and pressure was at that time very considerably in excess of the normal, the excess averaging about a tenth of an inch. During the second week the barometric changes were large, but the tendency of the changes was to slightly reduce the pressure, and there was a general fall of from 0.01" to 0.03", but still the mean pressure of the week was very considerably above the normal, and at this period the excess pressure was more marked over and near the Himalayan area than elsewhere. Pressure gave way almost continuously during the third week, and the average fall over the province was nearly equal to two-tenths of an inch, the fall being largest in North Bengal and North Behar. The mean pressure for this period was hence considerably below the average pressure of the week, and deficiency ranged from 0.06" in South and East Bengal and South Behar to 0.03" in Orissa. In the last week of the month also pressure variations were decidedly large, and following on the rapid fall of the barometer in the previous week, there was a rise which lasted from the 22nd to the 25th, but which was followed by another fall of almost equal amplitude, lasting from the 26th to nearly the end of the month.

The variation of the mean pressure of the province for the month from the normal mean was therefore not large, and only amounted to an excess of 0.028". The excess was largest in North Behar, where it amounted to 0.005", while it was only about 0.02" in Chutia Nagpur, South Behar and South-West Bengal.

*Temperature.*—As has before been indicated, temperature has varied very largely during the month, and for the first-half it was very decidedly lower than usual, when a rapid increase took place, and during the latter part of the month temperature became very high, and over large districts was decidedly above the normal. The causes which have brought about these changes have already been described, so they need not again be alluded to. For the first week the mean temperature of the province was 3° below the normal, the defect being most noticeable in South Behar, where it was 4.3°. In the second week weather was again very cool, and the average mean temperature of the province was almost 4° below the normal for the period, while in South Behar it was 6° below the normal, and in South-West Bengal it was 5° below it. A rapid change took place, temperatures increased largely, and for the third week the mean temperature of the province was about two-tenths of a degree in excess of the normal, Chutia Nagpur and South Behar showing the largest excess, amounting to about 1°, while in Orissa there was a defect of almost corresponding amount. Finally, in the last week the excess in the mean temperature had increased to about 1°, the excess being largest in South-West and East Bengal and in Chutia Nagpur. For the whole month the mean temperature has thus been somewhat below the normal, the defect being equal to about 1.5°, but the defect was actually largest in Behar, where it equalled 2.3°. The following tables, which give the temperature data for eight representative stations, will show clearly the great differences of



temperature which have existed during these four weeks, and the manner in which the variations have been connected with the day and night temperatures and also with the mean temperatures :—

	WEEK ENDING 8TH APRIL 1887.			WEEK ENDING 15TH APRIL 1887.			WEEK ENDING 22ND APRIL 1887.			WEEK ENDING 29TH APRIL 1887.		
	Variation of actual mean maximum temperature of week from normal.	Variation of actual mean minimum temperature of week from normal.	Variation of actual daily temperature of week from normal.	Variation of actual mean maximum temperature of week from normal.	Variation of actual mean minimum temperature of week from normal.	Variation of actual daily temperature of week from normal.	Variation of actual mean maximum temperature of week from normal.	Variation of actual mean minimum temperature of week from normal.	Variation of actual daily temperature of week from normal.	Variation of actual mean maximum temperature of week from normal.	Variation of actual mean minimum temperature of week from normal.	Variation of actual daily temperature of week from normal.
Cuttack ... ..	-1.9	-3.1	-2.5	-2.4	-2.6	-2.5	+0.5	-1.1	-0.2	-0.3	+2.0	+0.8
Calcutta ... ..	-4.3	-3.4	-3.9	-5.6	-3.5	-5.1	+0.5	-0.2	+0.2	-0.4	+2.0	+0.8
Burdwan ... ..	-3.5	-2.3	-3.0	-2.6	-4.0	-5.8	-2.3	-1.0	-1.7	+1.3	+1.2	+1.2
Dacca ... ..	-1.4	-2.0	-2.3	-2.0	-2.5	-2.3	+0.3	+1.0	+0.7	+1.8	+3.7	+2.8
Purneah ... ..	-3.8	-2.0	-2.8	-2.2	-3.1	-5.3	-4.0	+3.5	0	-2.1	+1.3	-0.4
Bankipore ... ..	-4.8	-5.1	-4.9	-2.5	-3.7	-6.3	-4.0	+0.8	0	-0.3	-0.5	-0.4
Hazaribagh ... ..	-1.9	-2.0	-1.9	-4.3	-4.2	-4.2	-0.1	+2.0	+1.0	+2.1	+2.4	+2.2
Darjeeling ... ..	-1.9	-2.8	-2.3	-4.9	-1.1	-3.1	-2.8	+1.4	-0.7	+0.6	+4.2	+2.4

Some very high maximum temperatures have been reported during the month, the highest reported have been  $109.1^{\circ}$  at Raneegeunge on the 28th, and  $110^{\circ}$  at Chybassa on the same day; but in addition temperatures of above  $100^{\circ}$  have occurred in all districts except East Bengal.

The following represent the highest maximum temperatures in all districts except those of  $109.1^{\circ}$  and  $110^{\circ}$  just recorded :—

District.	Station.	Temperature.	Date.
Orissa ... ..	Cuttack ...	$108.4^{\circ}$	23rd.
South-West Bengal ...	Bankoora ...	$107.1^{\circ}$	28th.
East Bengal ... ..	Burrisal ...	$95.3^{\circ}$	20th.
	Commilla ...	$95.3^{\circ}$	24th & 26th.
North Bengal ... ..	Rampur Beaulah ...	$102.4^{\circ}$	24th.
North Behar ... ..	Chupra ...	$104.5^{\circ}$	27th.
South Behar ... ..	Gya ...	$107.6^{\circ}$	26th.
Chutia Nagpur ... ..	Hazaribagh ...	$105.0^{\circ}$	30th.
	Ranchi ...	$105.0^{\circ}$	28th.

*Rainfall*—The periods of rainfall during April have already been discussed, and it will have been seen that, except in North and parts of East Bengal, where rainfall has been much more frequent than in other divisions, the periods of rainfall over the remainder of the province may be said to have been three only, the first on the 8th and 9th of the month, the second on the 14th and 15th, and the third from the 28th to the 30th. Rainfall for the whole month has been in slight but decided excess in North Bengal, Behar, and Chutia Nagpur, while it has been in slight but decided defect in Orissa and South-West Bengal. Finally, in East Bengal rainfall has been in very large defect. Thus in South Behar for the month there has been an average fall of 0.75 inch, the normal fall for April being 0.40 inch, the actual has therefore equalled 187 per cent. of the normal. In North Bengal 2.67 inches of rain have been received against a normal of 2.34 inches, and the actual fall expressed as a percentage is 114. In Chutia Nagpur there has been an average fall of 0.50 inch, the normal for April being 0.45 inch. The percentage of the normal in Chutia Nagpur is therefore 111. In North Behar the actual average fall has been 0.76 inch, against the normal 0.70 inch, which gives a percentage of 108. In other districts the falls are in defect; Orissa has recorded an average fall of 0.82 inch, the normal fall being 1.37 inches, the actual fall has therefore been about 60 per cent. of the normal. South-West Bengal has received 1.18 inches, the normal being 2.05 inches and the percentage is therefore 57; while in East Bengal a fall of only 1.32 inches is recorded, while the normal fall is 3.87 inches, and this division has therefore only received 34 per cent. of the normal quantity. Considering that these districts have each an equal value in the calculation, it may be said that the average fall over the province for April has been equal to 93 per cent. of the normal amount.

As is usual, however, in the rainfall of April, the distribution is very irregular, and there are some districts in the above divisions which show a much greater deviation than is indicated in the above numbers. Thus in Orissa the district of False Point has only received about a sixth of the normal fall. In South-West Bengal the districts of Bankoora and Raniganj have received falls in excess of the normal, though situated in a division which has generally received a decided defect. On the other hand the Krishnagur district has received less than half its normal fall, and Jessore district only about one-eighth of it. In East Bengal the Chittagong district has received practically no rain, Burrisal district only a quarter of the normal fall, and Noakhally district about a tenth. In North Bengal the Bogra district has only received about an eighth of the normal fall, Serajgunge, Rampore Beaulah and Dinagepore districts about one-half the normal fall, while there have been

centres of large excess falls in the Rungpore, Julpigoree and Darjeeling districts. In the districts of Behar there are no very large variations calling for comment, but in Chutia Nagpur, while Hazaribagh and Ranchi districts have received an excess fall, Chybassa is in large defect, having only received about a quarter of the normal fall.

The following table gives the summary of the temperature and rainfall data of each of the seven Meteorological Divisions of the Province for the month of April 1887 :—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.						
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.			Rainy days.			Since 15th May 1896.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
Orissa ... ..	108.4	68.9	90.8	76.5	83.7	-1.7	0.82	1.37	-0.55	2.0	2.8	-0.8	63.73	57.03
South-West Bengal ... ..	109.1	64.2	95.6	74.1	84.9	-1.8	1.18	2.05	-0.87	3.2	4.0	-0.8	61.58	56.42
East Bengal ... ..	95.3	61.1	90.0	72.4	81.2	-0.4	1.32	3.87	-2.55	2.4	6.5	-4.1	88.47	82.33
North Bengal ... ..	102.4	58.9	92.0	69.9	81.0	-	2.67	2.34	+0.33	4.7	4.4	+0.3	82.68	73.29
North Behar ... ..	104.5	55.7	94.2	69.4	81.8	-2.1	0.76	0.70	+0.06	2.2	1.6	+0.6	69.13	48.74
South Behar ... ..	107.6	60.0	97.0	71.7	84.4	-2.3	0.75	0.40	+0.35	2.1	1.2	+0.9	65.47	43.76
Chutia Nagpur ... ..	105.0*	61.4*	96.1*	76.1*	83.1*	-0.7*	0.50	0.45	+0.05	2.3	1.7	+0.6	51.54	51.28

\* Chybassa not included.

METEOROLOGICAL OFFICE, BENGAL ;  
The 10th May 1887.

ALEXANDER PEDLER,  
Offg. Meteorological Reporter to the Govt. of Bengal.

## Meteorological Report of the Province of Bengal.

METEOROLOGICAL DIVISION.	DISTRICT.	Representative station.	STATION OBSERVATIONS.												
			AIR PRESSURE.			WIND.		TEMPERATURE.							
			Mean barometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.
ORISSA.	Pooree	Gopalpore	29.737	29.787	-.017	SSW	401.0	87.2	4th May	74.0	5th May	85.7	78.7	82.2	-0.5
		False Point	29.758	29.806	-.004	Southerly	394.0	91.5	3rd "	73.1	5th "	88.4	76.5	82.4	-2.5
	Cuttack	Cuttack	29.693	29.773	-.015	SSW	93.0	107.9	2nd "	70.8	4th "	101.4	78.3	89.9	+0.3
	Balasore	Balasore	29.715	29.773	-.034	South-westerly.	126.4	93.0	2nd "	69.9	4th "	86.9	74.6	80.8	-4.2
	South-West Midnapore	Saugor Island	29.792	29.808	+.002	SW	258.2	93.2	3rd "	70.5	3rd "	91.5	74.1	82.8	-2.0
SOUTH-WEST BENGAL.	South 24-Pergunnahs	Midnapore	29.634	29.784	-.012	Variable	141.4	104.2	30th April	61.7	3rd "	95.6	70.7	83.2	-4.7
	Howrah	Calcutta	29.781	29.802	+.022	South-easterly.	175.0	94.5	30th "	65.2	3rd "	91.8	73.0	82.4	-1.9
	Hooghly														
	Burdwan	Burdwan	29.709	29.810	+.023	Easterly	96.0	102.7	30th "	67.4	4th "	94.0	73.2	83.6	-1.4
	Bankoora	Bankoora	29.458	-	-	Southerly	57.8	104.1	30th "	66.7	4th "	96.1	70.9	83.6	-
	Beerbhoom	Raneegunge	29.471	-	+.021	ESE	126.3	106.5	30th "	64.5	4th "	96.6	73.6	85.1	-2.9
	West Burdwan														
	Moorsheadabad	Berhampore	29.742	29.809	+.031	E	114.4	98.7	30th "	63.2	4th "	94.7	73.5	84.1	-2.2
	Nuddea	Krishnaghur	29.763	-	-	ESE	129.6	97.8	30th "	66.3	3rd "	93.0	72.2	82.6	-
	Jessore	Jessore	29.784	29.817	+.022	ESE	122.0	99.3	1st May	68.0	4th "	94.7	73.9	84.3	-0.2
	Khoolna														
	Chittagong	Chittagong	29.751	29.840	-.024	SE	123.0	95.7	3rd "	70.0	4th "	91.1	74.7	82.9	+2.0
EAST BENGAL.	Chittagong Hill Tracts	Demagiri				Observations not received.									
	Backergunge	Barrisal	29.799	29.811	-.002	S	131.4	93.3	2nd, 3rd May	66.5	4th "	90.9	73.6	82.3	+1.6
	Noakholly	Noakholly	29.787	29.831	-	SW	80.3	93.0	2nd "	67.5	4th "	90.3	74.3	83.3	-
	Furreedpore	Furreedpore	29.785	-	-.069	SE	-	90.5	30th April	67.9	5th "	87.0	72.3	79.7	-1.5
	Dacca	Dacca	29.804	29.826	+.027	SSE	151.0	93.1	30th April, 1st, 2, & 6 May	68.6	3rd "	91.9	73.6	82.7	+0.8
	Tipperah	Comillah	29.793	29.828	-.008	SE	193.1	97.3	3rd "	74.8	4th "	95.3	76.6	86.0	+0.7
	Mymensingh	Mymensingh	29.806	-	+.003	E	150.7	91.3	30th April, 6th May	65.1	2nd "	89.4	70.4	79.9	+2.5
	Bogra	Bogra	29.735	29.799	-	E	101.7	97.3	1st "	69.3	3rd "	93.5	71.9	82.7	-
	Pubna	Serajunge	29.774	29.821	-.010	SE	165.2	95.6	30th April, 1st May	68.2	2nd "	92.5	71.7	82.1	+1.7
	Rajshahye	Rampore Beau-leah.	29.744	29.815	+.025	Easterly	129.3	99.4	30th April	65.7	2nd "	94.8	69.7	82.3	-0.5
	Maldah	Maldah	29.617	-	-	SE	56.5	97.6	4th May.	68.4	4th "	96.0	71.0	83.5	-
	NORTH BENGAL.	Dinapore	Dinapore	29.691	29.811	-.005	ESE	104.0	94.6	2nd, 6th May.	65.7	1st "	92.3	70.7	81.5	+1.0
Rungpore		Rungpore	29.689	29.815	-.048	E	96.7	91.3	6th "	66.3	1st "	87.2	70.1	78.7	+1.7
Julpigoree		Julpigoree	29.549	29.838	-.034	NE	135.6	95.5	6th "	66.8	1st, 4th "	87.4	69.9	78.6	+2.4
Cooch Behar															
Darjeeling Hill Districts		Darjeeling	29.991	-	+.034	NE	152.9	66.6	6th "	46.2	4th "	62.0	49.3	55.7	+2.5
Purneah		Purneah	29.684	29.810	+.018	Calm	39.9	97.3	6th "	64.7	1st "	94.9	70.9	82.9	+0.2
North Bhagulpore															
Mozufferpore		Mozufferpore				Observations suspended.									
Durbhunga		Durbhunga	29.624	29.793	+.028	ESE	189.0	94.4	1st, 2nd, 6th May.	65.9	1st "	92.5	73.8	83.2	-0.9
Chumparan		Motihari	29.545	29.771	+.009	ESE	213.5	96.3	1st, 6th "	66.3	1st "	94.5	73.1	83.8	+0.7
Sarun		Chupra	29.562	-	-.023	E	139.7	102.5	1st "	71.2	1st "	98.0	74.8	83.7	-1.0
SOUTH BENGAL.			Dehree	29.360	29.709	-.054	ESE	222.2	101.0	30th April	72.0	4th "	94.0	75.6	84.3	-4.0
	Shahabad	Buxar	29.492	29.731	-.014	E	268.8	104.9	30th "	74.8	1st, 4th, 5th May.	100.1	73.5	88.3	-0.1
		Arrah	29.531	29.726	-.032	E	163.0	103.4	30th "	72.7	1st "	109.3	75.7	88.0	-0.2
	Gya	Gya	29.354	29.740	-.004	N, NE	82.0	109.6	30th & 1st May.	73.6	3rd, 4th "	103.1	76.3	89.7	-1.1
	Patna	Bankipore	29.581	29.763	-.016	E	165.0	103.0	30th "	69.7	1st "	99.1	74.6	86.9	-1.2
	South Bhagulpore	Bhagulpore	29.612	29.774	+.005	E	121.4	98.4	2nd May	68.0	1st "	95.4	72.5	83.3	+0.1
	Monghyr														
	Sonthal Pergunnahs	Doomka	29.288	-	-	SE	332.0	101.7	1st "	67.9	4th "	96.0	73.3	84.7	-
	Hazaribagh	Hazaribagh	27.769	29.732	-.001	Variable	243.4	105.0	30th April	63.7	4th "	97.6	70.1	84.0	-1.9
	Lohardugga	Ranchee	27.647	29.732	-.018	SSW	162.3	103.0	1st May	65.9	4th "	96.5	63.5	83.0	-1.9
	Manbhoom														
	Singbhoom	Chyebassa	25.992	-	-	S, SW	79.6	108.3	2nd "	69.7	4th "	102.0	75.3	88.7	-
CHUTIA NAGPUR.		Sibsagar*	29.539	29.875	+.001	Variable	60.0	91.6	6th "	67.9	2nd "	86.0	70.0	78.0	+2.3
	Assam	Dhubri*	29.713	29.831	0	ENE	96.0	90.3	6th "	65.4	1st "	86.0	70.6	78.3	+0.7
		Silchar*	29.755	29.862	-.019	Easterly	72.0	91.5	3rd, 6th "	67.8	4th "	89.9	69.2	79.6	+1.3

\* Means for six days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical averages or means of the reading during the same period for the years 1871 to 1880. The humidity of the atmosphere is expressed as percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numerical means or average of the rainfall in that district determined from the returns sent in by the sub-divisional stations for the period in question during the year ending in the district, sending in returns divided by the number of stations. A rainy day is one on which at least hundredth of an inch fell.



or the week ending Friday, the 6th May 1887.

DISTRICT OBSERVATIONS.														Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.	
Average humidity at 10 A.M.	Average cloud amount at 10 A.M. for week.	Rainfall of week at observing stations.	RAINFALL.														
			Of week.		Since 1st of April.			Since 15th May 1886.			Average number of rainy days.	Normal number of rainy days.					
			Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.							
75	3.0	0.50	—	—	—	—	—	—	—	—	—	—	—	Gopalpore	...	ORISSA.	
75	5.3	1.00	1.10	0.35	1.29	1.45	—0.16	63.25	59.15	+4.10	1.0	0.9	False Point	...	Pooree		...
80	6.9	1.31	0.73	0.37	1.43	1.53	—0.16	67.12	55.21	+11.91	0.8	0.9	Cuttack	...	Cuttack		...
82	2.0	0.66	1.20	1.02	2.40	2.63	—0.23	62.44	58.76	+3.68	2.3	1.9	Balasore	...	Balasore	...	
72	5.1	0.59	0.68	1.15	1.42	2.81	—1.39	55.88	68.64	—12.76	3.3	1.8	Saugor Island	...	South-West Midnapore	...	
63	2.4	1.43	1.14	1.36	2.42	3.10	—0.68	51.58	57.74	—6.16	2.7	1.6	Midnapore	...	South 24-Pergunnahs		
85	3.9	1.37	1.78	1.48	2.88	3.19	—0.31	63.73	57.91	+5.82	3.4	2.3	Calcutta	...	24-Pergunnahs...	SOUTH-WEST BENGAL.	
50	2.4	1.52	1.41	1.24	2.84	3.23	—0.44	69.03	52.03	+8.00	2.7	2.1	Burdwan	...	Howrah		...
61	1.7	1.13	1.28	0.73	3.04	1.73	+1.31	57.71	55.78	+2.13	2.5	2.2	Bankoora	...	Hooghly		...
52	1.7	1.22	0.75	0.47	2.72	1.56	+1.16	71.39	51.97	+16.42	2.3	1.6	Raneegunge	...	Burdwan	...	
65	2.1	1.37	1.64	1.02	2.41	2.30	+0.11	66.43	52.90	+13.53	1.5	1.6	Berhampore	...	West Burdwan	...	
67	3.7	3.33	1.94	1.52	3.21	4.29	—1.08	63.44	56.11	+7.33	2.0	2.2	Krishnagur	...	Moorsheadabad	...	
69	6.4	1.40	1.63	1.73	2.11	5.04	—2.93	65.76	61.89	+3.87	2.3	2.6	Jessore	...	Nudda	...	
62	6.1	1.12	1.74	2.42	1.74	5.13	—3.39	135.32	121.50	+13.73	2.0	3.0	Chittagong	...	Jessore	...	
66	3.9	2.03	1.23	1.71	2.01	4.73	—2.72	83.64	85.94	—2.30	2.5	2.8	Demagiri	...	Khocla	...	
65	2.1	1.19	1.88	2.67	1.76	6.97	—5.21	130.20	120.18	+10.02	3.5	3.6	Barrisal	...	Chittagong Hill Tracts	EAST BENGAL.	
63	0.3	0.89	0.66	1.86	1.88	5.47	—3.59	67.22	65.31	+1.91	2.0	2.6	Noakholly	...	Backergunge		...
64	3.6	0.30	0.25	2.64	1.76	6.93	—5.17	83.33	69.42	+13.91	1.8	3.3	Naakholly	...	Noakholly		...
70	5.0	1.08	0.53	2.79	2.60	7.32	—4.82	83.61	83.22	+0.39	1.5	3.3	Furzedpore	...	Furzedpore	...	
65	3.6	0.75	0.98	2.40	3.43	5.96	—2.53	75.94	76.31	—0.37	1.6	3.2	Dacca	...	Dacca	...	
71	2.4	0.41	0.31	1.51	0.55	3.19	—2.64	71.08	61.26	+9.82	1.0	2.4	Commillah	...	Tipperah	...	
60	3.0	0.42	0.35	1.63	1.48	4.37	—2.89	67.09	60.28	+6.81	1.5	2.6	Mymensingh	...	Mymensingh	...	
56	2.3	0.40	0.47	1.35	1.17	3.04	—1.87	64.00	68.50	+5.50	2.0	2.1	Bogra	...	Bogra	...	
49	2.7	Nil	0.09	0.80	1.42	1.68	—0.26	64.87	56.54	+8.33	0.5	1.7	Serajgunge	...	Pubna	...	
61	3.0	0.46	0.50	0.95	1.10	1.91	—0.81	76.85	56.69	+20.16	1.6	1.7	Rampore Beaulah	...	Rajshahye	...	
59	0.4	0.88	1.42	2.00	7.40	4.99	+2.41	83.82	80.21	+3.61	2.3	3.0	Maldah	...	Maldah	...	
83	2.7	1.33	1.90	2.55	7.33	6.42	+0.91	120.15	119.17	+0.98	2.6	3.7	Dinagore	...	Dinagore	...	
75	2.3	0.87	0.63	2.14	6.34	6.47	+0.07	150.64	126.17	+24.47	2.5	3.7	Rungpore	...	Rungpore	...	
54	2.6	0.32	0.68	0.88	1.80	1.95	—0.15	82.68	59.66	+23.02	1.0	1.7	Julpigoree	...	Julpigoree	...	
62	2.3	0.44	0.28	0.45	0.97	1.03	—0.06	64.17	44.91	+19.26	0.7	0.8	Cooch Behar	...	Cooch Behar	...	
81	2.1	0.02	0.13	0.60	0.94	1.28	—0.34	63.10	47.63	+15.47	1.0	1.0	Darjeeling	...	Darjeeling Hill Districts	NORTH BENGAL.	
49	2.3	Nil	0.17	0.55	0.59	0.73	—0.14	63.81	42.96	+20.85	0.3	0.8	Purneah	...	Purneah		...
38	1.7	0.02	—	—	—	—	—	—	—	—	—	—	North Bhagulpore	...	North Bhagulpore		...
42	2.0	Nil	0.01	0.15	0.73	0.30	+0.43	57.61	40.55	+17.06	0.2	0.4	Mozufferpore	...	Mozufferpore	...	
46	1.3	0.02	—	—	—	—	—	—	—	—	—	—	Durbhunga	...	Durbhunga	...	
67	3.6	Nil	0.04	0.15	0.70	0.33	+0.32	67.22	41.39	+25.83	0.8	0.5	Motihari	...	Chumparun	...	
40	2.0	0.14	0.04	0.24	0.30	0.46	—0.16	62.53	41.53	+21.06	0.3	0.6	Chupra	...	Sarun	...	
49	1.6	Nil	0.23	0.35	0.98	0.85	+0.13	63.04	43.77	+19.27	0.6	0.9	Dehree	...	Dehree	...	
66	0	1.10	0.68	0.49	1.91	1.17	+0.74	7.49	51.13	+23.36	1.7	1.4	Buxar	...	Shahabad	...	
35	4.0	0.57	0.57	0.45	0.80	0.63	+0.18	50.69	52.20	—1.51	2.0	0.9	Arrah	...	Arrah	...	
41	3.3	0.53	0.68	0.26	1.50	0.85	+0.65	51.94	50.00	+1.94	2.0	1.0	Gya	...	Gya	...	
45	1.3	2.23	1.80	0.61	1.90	1.32	+0.57	45.91	55.55	—9.64	2.0	1.4	Bankipore	...	Patna	...	
75	2.3	0.91	—	—	—	—	—	—	—	—	—	—	Bhagulpore	...	South Bhagulpore	SOUTH BENGAL.	
67	0.3	1.01	—	—	—	—	—	—	—	—	—	—	Monghyr	...	Monghyr		...
75	2.8	1.80	—	—	—	—	—	—	—	—	—	—	Doomka	...	Sonthal Pergunnahs		
41	3.3	0.53	0.68	0.26	1.50	0.85	+0.65	51.94	50.00	+1.94	2.0	1.0	Hazaribagh	...	Hazaribagh	...	
45	1.3	2.23	1.80	0.61	1.90	1.32	+0.57	45.91	55.55	—9.64	2.0	1.4	Ranchee	...	Lohardugga	...	
75	2.3	0.91	—	—	—	—	—	—	—	—	—	—	Manbhoom	...	Manbhoom	...	
67	0.3	1.01	—	—	—	—	—	—	—	—	—	—	Singbhoom	...	Singbhoom	...	
75	2.8	1.80	—	—	—	—	—	—	—	—	—	—	Sibsagar*	...	Sibsagar*	ASSAM.	
75	2.8	1.80	—	—	—	—	—	—	—	—	—	—	Dhubri*	...	Dhubri*		...
75	2.8	1.80	—	—	—	—	—	—	—	—	—	—	Silchar*	...	Silchar*	...	

The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater.  
 The means of the district are the numerical averages of the rainfall return received in the district, i.e., from the total rainfall at the sub-divisional

## Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 6th of May 1887.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of April.	Average total rain-fall from 1st of April.	Total rain-fall since 15th May 1886.	Average rainfall from 15th May to date.
			Saturday, 30th April.	Sunday, 1st May.	Monday, 2nd May.	Tuesday, 3rd May.	Wednesday, 4th May.	Thursday, 5th May.	Friday, 6th May.	Number rainy days.	of Rainfall week.				
ORISSA	Pooree	Pooree	.....	.....	.....	.....	0.90	.....	.....	1	0.90	0.90	0.90	54.08	54.50
		Khurdah	.....	.....	.....	.....	1.24	.....	.....	1	1.24	1.24	1.08	67.85	59.74
		Bampur	.....	.....	.....	.....	1.25	.....	.....	1	1.25	1.25	0.91	67.82	59.74
		False Point	.....	.....	.....	.....	1.00	.....	.....	1	1.00	1.44	2.90	61.63	60.84
		Gop	.....	.....	.....	.....	1.62	.....	.....	1	1.62	1.62	?	67.81	?
		Pipli	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	?	?	?
	Cuttack	Jagatsingapore	.....	.....	.....	1.54	.....	.....	.....	1	1.54	2.04	0.98	71.70	51.01
		Banki	.....	.....	.....	.....	0.58	.....	.....	1	0.58	0.98	0.96	63.58	52.52
		Cuttack	.....	.....	.....	.....	1.18	.....	.....	1	1.18	2.08	1.05	77.21	50.40
		Kendrapara	.....	.....	.....	.....	0.55	.....	.....	1	0.55	1.35	1.00	56.79	56.04
		Jaipore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.60	2.63	66.19	57.01
		Dharmasalla	.....	.....	.....	.....	0.30	.....	.....	1	0.30	0.87	?	65.43	?
	Balasore	Chandbali	.....	.....	.....	0.20	.....	.....	0.15	2	0.35	0.48	1.06	55.40	58.17
		Bhuddruck	.....	.....	.....	.....	0.40	.....	0.04	2	0.44	4.59	2.50	65.23	59.00
		Sorah	0.70	.....	0.30	.....	1.64	.....	.....	2	2.64	2.00	2.84	64.61	57.20
		Balasore	.....	.....	.....	.....	0.47	.....	.....	1	0.47	1.14	3.63	64.70	64.40
		Jellapore	0.22	0.70	.....	0.30	.....	.....	.....	3	1.22	2.68	1.07	66.47	54.17
		Baripodda	0.17	0.60	.....	0.56	0.16	.....	.....	4	1.49	2.40	2.81	57.92	60.22
SOUTH-WEST BENGAL.	Midnapore	Contai	0.27	0.01	0.04	.....	0.09	.....	.....	4	0.41	1.66	2.37	45.67	68.00
		Saugor Island	0.35	0.04	0.07	.....	0.10	.....	.....	5	0.59	1.75	2.38	66.89	72.07
		Tumlook	0.30	0.70	.....	.....	.....	.....	.....	2	1.00	1.00	2.72	48.60	57.90
		Midnapore	.....	0.08	1.08	0.33	.....	.....	.....	3	1.43	3.73	2.85	50.38	54.70
		Ghattal	0.15	0.22	.....	0.57	.....	.....	.....	3	0.94	1.03	2.70	55.76	61.31
		Devog	0.56	1.17	.....	.....	0.20	.....	.....	3	1.93	1.03	?	44.80	?
	24-Pergunnahs	Heria	0.48	0.22	.....	0.19	0.16	.....	.....	4	1.05	1.41	?	40.95	?
		Bhagwanpore	0.72	.....	.....	.....	.....	.....	.....	1	0.72	0.85	?	44.45	?
		Garbeta	0.36	.....	.....	0.42	.....	.....	.....	2	0.78	3.35	?	54.13	?
		Diamond Har-bour	0.65	0.40	.....	.....	.....	.....	.....	1	1.05	1.45	3.69	55.68	65.14
		Canning Town	.....	0.31	.....	0.19	0.11	.....	.....	3	0.61	0.60	?	61.30	?
		Alipore Jail	0.15	0.25	.....	0.96	0.14	0.22	.....	5	1.72	2.22	2.97	64.65	61.61
	Howrah	Barrackpore	0.17	.....	.....	0.88	1.60	.....	.....	3	2.65	3.73	2.96	61.56	55.10
		Dum-Dum	0.06	.....	.....	1.08	0.78	.....	.....	3	1.92	2.46	3.29	50.77	58.13
		Baraset	0.11	0.22	.....	0.55	0.33	.....	.....	4	1.21	2.35	3.36	65.74	60.21
		Buseerhat	.....	.....	.....	0.75	0.75	.....	.....	2	1.50	2.37	3.23	72.72	60.55
		Howrah	0.20	0.38	.....	0.8	0.46	.....	.....	4	1.82	2.06	3.36	57.40	57.21
		Moheerika (Ooloberia)	0.11	0.45	0.07	0.07	.....	.....	.....	4	1.30	1.80	2.91	58.68	58.70
	Hooghly	Serampore	0.16	0.20	.....	0.81	1.42	.....	.....	4	2.59	3.73	3.11	66.43	56.07
		Hooghly	0.02	.....	.....	1.87	0.56	.....	.....	3	2.45	4.27	3.46	62.13	56.00
		Jehanabad	0.17	.....	.....	0.49	.....	.....	.....	2	0.66	3.81	3.17	65.99	60.41
	Burdwan	Culna	.....	.....	.....	1.20	1.28	.....	.....	2	1.48	3.02	3.63	60.20	50.19
		Burdwan	.....	0.14	.....	0.68	0.70	.....	.....	3	1.52	2.79	3.36	64.94	53.26
		Cutwa	.....	.....	0.15	0.57	0.52	.....	.....	3	1.24	2.72	2.86	55.96	52.63
	Bankoora	Raneegunge	0.02	.....	.....	0.42	1.22	.....	.....	3	1.26	3.3	1.57	69.80	61.70
		Mankur	0.50	.....	.....	0.57	1.50	.....	.....	3	2.57	4.43	?	68.16	?
		Bankoora	.....	.....	.....	0.42	0.45	.....	.....	2	0.77	3.22	2.02	55.71	50.68
		Bishenpore	0.22	.....	.....	1.07	0.27	.....	.....	3	1.56	3.31	2.02	55.20	55.34
		Mallara	0.32	.....	0.56	.....	0.08	.....	.....	3	1.86	2.72	1.40	61.53	51.30
		Khatra	0.30	.....	.....	.....	0.65	.....	.....	2	0.95	2.04	0.87	58.95	60.00
	Beerbhoom	Indra	0.33	0.45	.....	1.20	0.85	.....	.....	4	2.83	4.35	?	54.99	?
		Kotalpore	.....	0.33	.....	0.45	.....	.....	.....	2	0.78	3.28	?	47.61	?
		Anda	.....	.....	.....	.....	.....	.....	0.56	1	0.56	1.81	?	58.60	?
		Gangajalghati	.....	.....	.....	.....	.....	.....	.....	4	2.13	3.27	?	62.31	?
		Rampore	0.13	0.10	.....	1.75	0.15	.....	.....	4	2.13	3.27	?	62.31	?
		Sonamukhi	.....	.....	.....	.....	.....	.....	.....	4	2.13	3.27	?	62.31	?
	Nuddea	Bh. Soory	0.16	.....	0.03	.....	0.48	.....	.....	3	0.67	2.17	1.29	72.56	56.14
		Hetampore	.....	.....	.....	0.64	.....	.....	.....	1	0.64	2.41	1.33	71.07	56.71
		Rampore Haut	0.13	.....	.....	0.28	.....	.....	.....	2	0.41	3.10	2.08	72.04	64.16
	Koochbea	Botpore	0.01	.....	.....	0.75	.....	.....	.....	2	1.66	2.08	?	67.90	?
		Ranaghat	.....	0.22	.....	0.08	0.49	.....	.....	3	1.59	2.62	4.07	56.68	57.71
		Kishnaghat	.....	0.69	2.59	.....	0.77	.....	.....	3	3.45	4.58	3.84	58.97	58.00
	Khoolna	Choondanga	.....	.....	.....	.....	1.03	.....	.....	1	1.03	2.71	4.54	62.31	58.00
		Meherpore	.....	.....	.....	0.55	2.85	.....	.....	2	3.43	5.17	4.45	61.87	51.67
		Kooshtea	.....	.....	.....	.....	0.42	.....	.....	1	0.42	0.94	4.86	74.31	61.80
	Jessore	Satkira	.....	.....	.....	2.00	1.00	.....	.....	2	3.00	3.23	4.51	64.78	65.71
		Bagirhat	.....	.....	.....	1.20	0.80	.....	0.02	3	2.02	2.02	5.13	82.85	60.40
		Khoolna	.....	.....	.....	3.25	0.65	.....	0.05	3	3.95	4.80	4.84	57.46	55.36
	Moorshedabad	Narail	.....	.....	0.14	.....	0.66	.....	.....	2	0.80	1.05	5.21	56.16	55.40
		Jessore	.....	.....	.....	0.77	0.63	.....	.....	2	1.40	1.77	5.98	71.09	61.00
		Jhenidah	.....	.....	.....	0.35	0.39	.....	.....	2	0.74	1.49	4.08	65.77	60.20
	Chittagong	Magoorah	.....	.....	.....	0.16	0.54	.....	.....	2	0.70	2.03	5.73	69.72	57.20
		Bongong	.....	0.20	.....	.....	0.20	.....	.....	2	0.40	0.94	3.90	58.24	56.20
	Chittagong Hill Tracts.	Kandi	.....	.....	.....	0.50	.....	.....	.....	1	0.50	1.72	2.12	59.02	53.70
		Berhampore	.....	.....	.....	.....	1.37	.....	.....	1	1.37	2.24	2.60	65.47	55.00
		Lalbagh	.....	.....	.....	.....	1.83	.....	.....	1	1.83	2.08	2.44	67.63	60.11
	Backergunge	Azimkunge	.....	0.22	.....	.....	1.90	.....	.....	2	2.12	2.70	2.22	68.98	54.00
		Jungipore	.....	0.07	.....	.....	0.30	.....	.....	2	0.37	0.97	2.04	71.31	54.00
		Lalgola	.....	0.41	.....	3.25	.....	.....	.....	2	3.66	4.77	2.27	66.15	54.00
	Chittagong	Akhrganj	.....	0.18	0.08	0.55	.....	.....	.....	3	0.81	1.26	?	?	?
		Cox's Bazar		.....	.....	.....	1.00	.....	.....	.....	1	1.00	?	?	?	?
		Chittagong		.....	.....	.....	0.37	2.00	.....	.....	2	2.37	2.37	4.30	139.07	140.00
	Chittagong Hill Tracts.	Kutubdia	.....	.....	.....	0.14	0.96	.....	.....	2	1.10	1.10	5.84	131.62	140.00
		Satkanya	.....	.....	.....	.....	.....	.....	.....	?	?	?	?	?	?
		Rangamati	.....	0.16	0.06	0.05	0.87	.....	.....	4	1.14	1.14	6.14	107.63	100.00
	Backergunge	Ruma	.....	.....	.....	.....	.....	.....	.....	?	?	?	?	?	?
		Patuakhally	.....	.....	.....	0.50	0.67	.....	.....	2	1.17	1.32	4.56	86.61	80.00
		Perozepore	.....	.....	0.18	0.53	.....	.....	.....	2	0.73	2.03	4.26	82.89	77.00
	Bhola	Burrisal	.....	.....	0.45	0.72	0.75	.....	.....	3	1.92	4.57	4.73	72.13	72.00
		Bhola	.....	.....	0.24	.....	0.77	.....	0.16	3	1.17	1.57	5.35	95.17	92.00

## Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 6th of May 1887—contd.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL		Total rain- fall since 1st of April.	Average total rain- fall from 1st of April.	Total rain- fall since 15th May 1886.	Average rainfall from 15th May to date.
			Saturday 30th April.	Sunday, May.	Monday, May.	Tuesday, May.	Wednesday, 4th May.	Thursday, 5th May.	Friday, May.	Number of rainy days.	of Rainfall week.				
EAST BENGAL —contd.	Noakholly	Gournaddi Bauphal	.....	.....	0'00	0'68 0'80	0'53	.....	.....	12 12	1'21 1'70	2'40 1'78	?	71'03 89'58	?
		Noakholly	.....	.....	0'15	0'50	0'41	0'10	.....	4	1'16	1'40	6'40	120'29	119'34
		Fenny	.....	.....	0'42	0'23	0'04	.....	.....	3	1'59	2'12	7'54	140'28	119'65
		Harishpore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Ramganj	.....	.....	0'01	.....	0'02	.....	.....	2	0'93	1'79	?	101'35	?
	Furteepore	Madaripore	.....	.....	0'10	0'08	0'55	.....	.....	3	0'73	0'73	5'03	72'90	65'88
		Furteepore	.....	.....	.....	0'10	0'90	.....	.....	2	1'00	1'38	5'08	64'76	67'55
		Goalundo	.....	.....	.....	.....	0'25	.....	.....	1	0'25	3'54	5'43	63'03	62'04
	Dacca	Munshigunge	.....	.....	.....	0'08	0'20	.....	.....	2	0'28	1'39	7'17	102'20	82'91
		Dacca	.....	.....	.....	0'08	.....	.....	.....	1	0'08	2'41	6'23	74'45	68'78
		Narainigunge	.....	.....	.....	0'10	0'24	.....	.....	2	0'34	1'51	7'89	90'51	66'06
		Manickigunge	0'06	.....	.....	.....	0'25	.....	.....	2	0'31	2'69	6'36	66'19	60'05
		Joydebpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2'66	?	79'85	?
	Hill Tipperah	Agartola	.....	.....	.....	.....	0'46	.....	.....	1	0'40	5'27	6'86	78'50	74'40
		Comilla	.....	.....	.....	.....	0'23	.....	.....	1	0'23	1'63	7'68	94'36	89'40
		Chandpore	.....	.....	0'20	0'10	1'06	.....	.....	3	1'39	2'70	7'52	95'45	92'70
		Brahmunberia	.....	.....	.....	.....	0'17	.....	.....	1	0'17	0'98	7'20	78'18	75'97
		Ramchandrapore.	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	72'63	?
		Nasirnagar..	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	63'57	?
		Daudkandi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	77'02	?
	Mymensingh..	Kasba	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	73'30	?
		Laksham	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	92'54	?
		Kishoregunge	.....	.....	0'09	.....	0'11	.....	.....	2	0'20	3'38	7'09	81'87	81'17
		Atin (Tangail)	.....	.....	.....	.....	0'85	.....	.....	1	0'85	2'13	5'07	64'02	64'05
Mymensingh		.....	.....	0'54	.....	.....	.....	.....	1	0'54	2'14	5'89	78'87	83'39	
Jamulpore		0'78	.....	1'55	.....	.....	.....	.....	2	2'33	6'02	4'77	69'84	73'51	
Netrokona		.....	.....	0'77	.....	0'21	.....	.....	2	0'98	3'45	6'08	83'13	79'42	
NORTH BENGAL	Subornakhally	.....	.....	0'20	.....	.....	.....	.....	1	0'20	1'89	?	54'06	?	
	Durgapore	.....	.....	2'74	2'80	.....	.....	.....	2	5'54	10'07	?	?	?	
	Dewanganj	0'05	.....	0'24	.....	.....	.....	.....	2	0'29	3'76	?	69'57	?	
	Pubna	.....	.....	.....	.....	0'20	.....	0'08	2	0'28	1'54	4'54	70'53	61'43	
	Seraigunge	.....	.....	0'41	.....	.....	.....	.....	1	0'41	1'43	4'20	63'63	60'07	
Hogra	Sherpore	.....	.....	0'40	.....	.....	.....	.....	1	0'40	0'40	2'91	71'76	63'13	
	Nowkhilla	.....	.....	0'37	.....	.....	.....	.....	1	0'37	1'09	3'23	68'42	58'72	
	Bogra	.....	.....	0'22	.....	0'26	.....	.....	2	0'48	0'68	3'99	71'00	63'49	
	Panehbibi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	73'13	57'04	
Rajshahye	Benuleah	.....	.....	0'24	.....	0'15	.....	.....	2	0'39	1'00	2'36	65'76	56'33	
	Natore	.....	.....	.....	0'45	0'10	.....	.....	2	0'55	1'35	3'71	69'24	60'72	
	Nowkong	.....	.....	0'39	.....	.....	.....	.....	1	0'39	1'10	?	74'50	?	
	Lalpor	.....	.....	.....	.....	0'18	.....	.....	1	0'18	0'18	?	65'58	?	
Maldah	Manda	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'85	?	58'86	?	
	Maldah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2'12	1'74	75'27	53'50	
	Chanchal	.....	0'18	.....	.....	.....	.....	.....	1	0'18	0'71	1'61	54'43	61'43	
	Gajol	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'42	?	68'94	?	
Dinapore	Sibganj	.....	.....	.....	.....	0'61	.....	.....	1	0'61	1'81	?	68'71	?	
	Mohadebpore	.....	0'05	.....	1'25	.....	.....	.....	2	1'30	0'05	2'17	82'60	58'61	
	Churamon	.....	0'17	0'04	.....	.....	.....	.....	2	0'21	0'89	1'26	68'39	52'58	
	Raigunge	.....	0'31	0'11	.....	.....	.....	.....	2	0'42	0'91	2'37	93'48	56'83	
Bungpore	Dinapore	.....	0'18	.....	.....	0'40	.....	.....	2	0'58	1'45	2'69	70'31	66'1	
	Balooghath	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'24	1'05	63'44	40'33	
	Bhawungunge (Gyabanda)	.....	.....	.....	.....	1'85	.....	.....	1	1'85	6'55	3'67	64'52	67'2	
	Rungpore	0'40	0'65	0'05	.....	.....	.....	.....	3	1'10	5'61	4'39	79'55	79'59	
Julpigoree	Kurigram	0'41	1'41	0'11	.....	.....	.....	.....	3	1'93	16'09	6'62	105'57	82'11	
	Bagdogra	.....	0'63	0'18	.....	.....	.....	.....	2	0'81	1'42	5'24	85'55	90'93	
	(Nilphamari)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	Uitpore	0'66	0'61	.....	.....	.....	.....	.....	2	1'27	8'73	?	82'99	?	
Cooch Behar..	Julpigoree	.....	0'15	.....	.....	.....	.....	.....	1	1'15	4'01	5'92	134'99	123'44	
	Alipore Doar	0'61	.....	0'72	0'20	.....	.....	.....	3	1'53	9'40	?	148'02	?	
	Falacotta	0'05	0'34	0'09	0'26	.....	.....	.....	4	0'74	4'75	?	106'37	?	
	Debiganj	0'38	0'70	.....	.....	.....	.....	.....	2	1'08	4'58	?	?	?	
Darjeeling Hill.	Dinabhat	0'39	1'72	1'06	.....	.....	.....	.....	3	3'17	10'06	6'40	24'59	104'32	
	Cooch Behar	0'05	0'80	0'22	0'02	.....	.....	.....	4	1'09	5'54	8'03	118'36	128'88	
	Mickligunge	0'25	1'62	.....	.....	.....	.....	.....	2	1'87	6'94	5'79	126'31	112'54	
	Matabhanga	1'37	0'85	.....	0'02	.....	.....	.....	3	2'24	10'14	5'94	126'53	125'98	
Purneah	Buxa	0'28	0'94	.....	0'20	.....	.....	.....	3	1'42	9'13	11'98	242'70	207'69	
	Siliguri	0'14	.....	.....	.....	.....	.....	.....	1	0'14	4'53	3'29	152'91	92'19	
	Darjeeling	0'02	0'03	0'61	0'01	.....	.....	.....	4	0'87	6'26	6'13	124'80	117'77	
	Kalimpong	0'04	0'05	.....	.....	.....	.....	.....	2	0'09	0'27	4'44	82'04	87'25	
North Bhagal- pore.	Kissengunge	.....	1'30	.....	.....	.....	.....	.....	1	1'30	1'40	2'34	199'85	70'57	
	Arrareah	.....	0'09	.....	.....	.....	.....	.....	1	0'09	1'27	2'36	93'60	63'07	
	Purneah	.....	0'32	.....	.....	.....	.....	.....	1	0'32	1'80	2'08	85'70	62'75	
	Gondawara	.....	.....	.....	.....	.....	.....	.....	1	0'00	?	?	?	?	
Durbhanga	Balarampore..	.....	0'90	.....	.....	.....	.....	.....	1	0'90	?	?	?	?	
	Matiari	.....	0'22	.....	.....	.....	.....	.....	1	0'22	1'29	?	81'15	?	
	Kaliaganj	.....	.....	.....	.....	.....	.....	.....	1	0'30	1'35	1'61	61'45	51'02	
	Madadapore	.....	0'39	.....	.....	.....	.....	.....	1	0'41	3'04	1'35	62'57	46'98	
Mozufferpore	Scopool	.....	0'41	.....	.....	.....	.....	.....	1	0'41	2'09	?	75'13	?	
	Protaganj	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	?	?	?	?	
	Tajpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'32	0'71	74'61	42'72	
	Durbhanga	.....	0'44	.....	.....	.....	.....	.....	1	0'44	1'39	0'91	58'73	46'29	
Unumapara	Madhubani	.....	0'40	.....	.....	.....	.....	.....	1	0'40	1'19	1'49	59'11	45'82	
	Bahera	.....	0'64	.....	.....	.....	.....	.....	1	0'64	2'28	?	70'74	?	
	Koshera	.....	0'20	.....	.....	.....	.....	.....	1	0'20	0'65	?	71'99	?	
	Sitamarhi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1'20	1'39	58'09	43'42	
Muzaffarpore	Mozufferpore	.....	0'40	.....	.....	.....	.....	.....	1	0'40	0'82	0'82	69'42	46'08	
	Hajipore	.....	0'11	.....	.....	.....	.....	.....	1	0'11	0'19	0'35	60'58	42'38	
	Para	0'40	.....	.....	.....	.....	.....	.....	1	0'40	0'53	?	51'80	?	
	Mahua	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	63'20	?	
Unumapara	Sinkar	.....	0'40	.....	.....	.....	.....	.....	1	0'40	0'85	?	60'72	?	
	Pupri	0'05	.....	.....	.....	.....	.....	.....	1	0'05	0'90	?	60'44	?	
	Motinari	.....	0'03	.....	.....	.....	.....	.....	1	0'03	0'85	1'03	55'02	44'88	
	Bettiah	.....	0'22	.....	.....	.....	.....	.....	1	0'22	1'04	1'34	71'13	59'24	
Unumapara	Bagaha	.....	0'12	.....	.....	.....	.....	.....	1	0'12	0'30	?	63'44	?	
	Burhura	.....	0'32	.....	.....	.....	.....	.....	1	0'32	3'11	?	51'76	?	



Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 6th of May 1887—*concl.*

Met. orological Division.	District.	Station.	RAINFALL.							TOTAL.		Total rainfall since 1st of April.	Average total rainfall from 1st of April.	Total rainfall since 15th May 1886.	Average rainfall from 15th May to date.
			Saturday, 30th April.	Sunday, 1st May.	Monday, 2nd May.	Tuesday, 3rd May.	Wednesday, 4th May.	Thursday, 5th May.	Friday, 6th May.	Number of rainy days.	of rainfall week.				
NORTH BHAR	Saran	Gopalgunge ...	.....	0.50	.....	.....	.....	.....	.....	1	0.50	0.97	1.31	61.20	44.36
		Sewan ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.15	0.51	60.35	44.73
SOUTH BHAR	Shahabad	Chuprah ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.63	0.37	60.85	40.20
		Buxar ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.53	0.23	51.02	39.15
		Dehree ...	.....	.....	.....	.....	.....	.....	.....	1	0.02	0.67	?	53.04	?
		Bhubooh ...	.....	0.02	.....	.....	.....	.....	.....	Nil	Nil	0.65	0.24	53.93	42.00
		Sasseram ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.21	0.25	55.53	41.24
		Arrah ...	.....	.....	.....	.....	.....	.....	.....	1	0.02	0.13	0.46	60.49	39.87
		Mohania ...	.....	0.02	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	28.30	?
		Gya ...	.....	.....	.....	.....	.....	.....	.....	1	0.13	0.82	0.31	63.20	42.75
		Aurungabad ...	.....	0.13	.....	.....	.....	.....	.....	Nil	Nil	0.30	0.42	67.63	42.45
		Gya ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.99	0.49	67.25	40.17
		Nowadah ...	.....	.....	.....	.....	.....	.....	.....	2	0.02	0.60	0.31	65.78	40.08
		Jehanabad ...	.....	0.01	0.01	.....	.....	.....	.....	1	0.34	0.72	?	55.54	?
		Arical ...	.....	0.54	.....	.....	.....	.....	.....	1	0.30	0.50	?	54.91	?
		Daudnagar ...	.....	0.30	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	61.00	?
		Sherghati ...	.....	.....	.....	.....	.....	.....	.....	2	0.90	1.30	?	?	?
		Rajauli ...	.....	.....	.....	.....	0.50	.....	.....	Nil	Nil	Nil	?	60.49	?
		Pakri Barawan ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
		Patna ...	.....	0.14	.....	.....	.....	.....	.....	1	0.14	0.27	0.43	60.51	41.08
		Diunpore ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.20	0.44	72.56	40.72
		Behar ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.48	0.46	59.46	42.80
		Barri ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.20	0.50	62.63	40.76
		Bickram ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
		Hilsa ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.46	?	?	?
		Monkhyr ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.62	0.74	53.08	40.62
		Begooesari ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.26	0.80	68.67	40.92
		Monkhyr ...	.....	.....	.....	.....	.....	.....	.....	2	0.73	1.27	0.80	65.50	44.21
		Jamui ...	.....	0.31	.....	.....	0.42	.....	.....	Nil	Nil	0.65	?	65.06	?
		Gogri ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	63.86	?
		Sheikpura ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.97	1.14	66.72	43.01
		South Bhagulpore ...	.....	.....	.....	.....	.....	.....	.....	1	0.40	0.74	0.73	61.65	44.92
		Banks ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.15	?	55.08	?
		Kolpang ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.89	1.01	88.11	51.38
		Sonthal Pergunnahs ...	.....	.....	.....	.....	.....	.....	.....	2	0.32	3.10	0.65	80.17	45.60
		Rajmehal ...	.....	.....	.....	.....	.....	.....	.....	2	0.25	1.29	0.85	87.72	51.80
		Gedda ...	.....	0.25	.....	.....	0.07	.....	.....	2	1.10	1.27	1.52	74.33	55.91
		Pakour ...	.....	0.12	.....	.....	0.13	.....	.....	3	1.38	2.74	1.20	65.07	52.11
		Nya Doonka ...	.....	.....	.....	.....	0.42	.....	.....	1	1.00	2.18	0.88	71.54	40.30
		Deognur ...	.....	0.48	0.32	.....	.....	.....	.....	1	0.15	1.40	?	59.39	?
		Jamir ...	.....	.....	.....	.....	.....	.....	.....	2	0.20	0.60	?	?	?
		Simra ...	.....	0.15	.....	.....	.....	.....	.....	2	0.20	0.60	?	?	?
		Namhat ...	.....	.....	0.10	.....	.....	.....	.....	2	0.20	0.60	?	?	?
		Hazaribagh ...	.....	.....	0.15	.....	0.42	.....	.....	2	0.57	1.19	0.94	62.45	49.36
		Pachnaba (Girdi) ...	.....	.....	0.16	0.47	.....	.....	.....	2	0.57	0.84	0.58	59.64	40.61
		Hazaribagh ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.25	0.57	53.34	48.29
		Semtaguran ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.32	0.10	58.82	48.31
		Mahudi Hills ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1.04	62.80	65.39
		Jhoomrah Hills ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.80	?	71.38	?
		Barai ...	.....	.....	.....	.....	.....	.....	.....	3	1.11	1.11	?	70.86	?
		Chatra ...	.....	0.45	0.41	0.25	.....	.....	.....	Nil	Nil	0.32	?	61.82	?
		Karagdeha ...	.....	.....	.....	.....	.....	.....	.....	2	0.25	0.27	?	57.86	?
		Kamghat ...	.....	.....	0.14	0.11	.....	.....	.....	2	0.25	0.27	?	57.86	?
		Lohardugga ...	.....	0.02	.....	0.03	0.03	.....	.....	3	0.08	0.29	?	61.57	?
		Ranchi ...	.....	.....	.....	.....	0.52	.....	.....	1	0.52	1.18	1.08	55.83	55.11
		Palsanow ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.25	0.42	51.47	45.92
		Sili ...	.....	.....	.....	.....	0.10	.....	.....	1	0.10	0.15	?	47.94	?
		Bahumat ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	51.06	?
		Hosseinabad ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.15	?	?	?
		Gurwah ...	.....	.....	.....	.....	.....	.....	.....	Nil	N	Nil	?	64.48	?
		Singbhoom ...	.....	.....	.....	.....	1.50	0.30	.....	2	1.80	1.99	1.32	45.01	55.42
		Chakradhar-pore ...	.....	.....	.....	.....	0.69	.....	.....	1	0.69	0.87	?	58.42	?
		Chatsilla ...	.....	.....	.....	.....	.....	1.09	.....	1	1.09	2.34	?	59.22	?
		Buharagura ...	.....	0.60	.....	.....	0.62	.....	.....	2	0.68	2.31	?	50.03	?
		Manbhoom ...	.....	0.03	0.33	0.20	.....	0.95	.....	4	1.54	2.46	1.10	48.66	51.80
		Gobinapore ...	.....	.....	0.04	0.10	.....	0.50	.....	3	0.64	2.10	0.82	52.21	47.80
		Raghunath-pore ...	.....	.....	.....	.....	.....	0.83	.....	1	0.83	1.65	?	63.48	?
		Barrabhoom ...	.....	.....	.....	.....	0.60	0.31	.....	2	0.91	3.42	?	41.38	?
		Jhalda ...	.....	.....	.....	.....	.....	1.40	.....	1	1.40	?	?	?	?
		Chas ...	.....	.....	.....	.....	.....	0.18	.....	1	0.18	1.48	?	61.44	?

*Explanation.*—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 10th May 1887.

**SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS  
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVA-  
TIONS TAKEN IN ASSAM, FOR THE WEEK ENDING FRIDAY, THE 6TH  
MAY 1887.**

At the close of the previous week weather conditions over Central and South-West Bengal were a little disturbed, and small local storms with rain were numerous in these districts on Friday the 29th. There was a considerable increase in pressure on the 30th, but there was still a depression over parts of South Behar and Chutia Nagpur, and apparently over the Sonthal Pergunnahs, which distinctly modified the wind systems over the province, and winds were cyclonic in direction round the low pressure area. Strong southerly winds were blowing in the coast districts in Bengal, and these were continued as south-easterly and easterly winds over Central Bengal and Behar, causing the air to be unusually damp in the latter district. With the continuance of these disturbed conditions local storms with rain were again frequent over parts of South-West Bengal and in the districts near the hills of North Bengal, while all the stations in Assam from which reports are received (three only) also reported rain. On the 1st of May the pressure changes over the whole province were decidedly variable, showing that the disturbed conditions still obtained; the southerly winds blowing at the head of the Bay, however, fell off in force, though the main wind direction over the province remained south-easterly. On this day again local storms with rain were numerous in South-West Bengal, North Bengal and North Behar, while a few showers were reported from South Behar. On the 1st also rain was registered at the three reporting stations in Assam. On the 2nd of May the pressure variations over the province became less irregular, though pressure fell very decidedly, and the area of disturbance was practically confined to parts of North and East Bengal, and to the Sonthal Pergunnahs district, where moderate rain fell. Pressure continued to fall on the 3rd, and the changes were again irregular, so that disturbances were again reported in all districts except Orissa, Behar, and parts of North Bengal. A rapid reaction set in on the 4th, and pressure increased largely and became more nearly normal, though there was still an area of comparatively low pressure in the western parts of South Behar and Chutia Nagpur, and winds continued strongly easterly over the greater part of the province. On this day rain was again reported from all districts except Behar and parts of North and East Bengal. On the 4th of May Silchar reported 1.15 inches of rain. The rapid rise of pressure continued on the 5th, and the effect was to considerably decrease the differences of pressure over the province, and to raise the pressure rather largely above the normal, but the changes had little effect on the character of the winds blowing over the province, but on this day rainfall practically ceased everywhere. On the 6th pressure again commenced to fall, and winds became rather more southerly than they had been, and on this day also rainfall was practically absent.

It will thus be seen that the meteorological conditions over the province were considerably disturbed for the first five days of the week, and that local storms or nor'-westers with rain have been rather numerous during that period, particularly in South-West Bengal, East Bengal, North Bengal, and Chutia Nagpur, but the majority of these storms do not appear to have been of a very violent character, and the rainfall accompanying them has in most instances been light. Some of the reports, however, which have been received, appear to show that a few of them have been very violent, and also from the logs of some vessels which have recently been received, it would appear that some of them had advanced to a considerable distance from the land, and to have given very strong winds at sea. In one instance even hail was reported to have fallen at sea during one of these storms.

**Pressure**—Variations, as previously described, have been rather large during the week, and also for a certain period decidedly irregular. The mean pressure for the week has not, however, shown such large variations from the normal as might have been expected, but the small variations at neighbouring stations are in several instances of opposite character. The average mean variations for the week are as follow:—Pressure was in excess by 0.015" in South-West Bengal, and in North Behar by 0.008"; in all other divisions it was in defect. In Orissa and South Behar the defect was 0.018", in North Bengal 0.014", in Chutia Nagpur 0.009", in Assam 0.006", and in East Bengal 0.002". It will thus be seen that the variations of the mean from the normal pressure are in all cases small, and it may be said that the pressure for the whole province, taking the above divisions to have an equal value in the calculation, has been below the normal of the week by only 0.005".

**Temperature**—Was generally above the average at the commencement of the week, but with the occurrence of numerous local storms with rain it fell considerably, but irregularly. At the close of the week, owing to the cessation of rainfall, it had risen again very rapidly, and was generally rather largely above the normal in all districts except Orissa and Chutia Nagpur. The mean temperature for the week has thus been nearly normal in North Behar, and from 1° to 2° below it in Orissa, South-West Bengal, Chutia Nagpur and South Behar, while it has been about the same amount above the normal in East Bengal, North Bengal and Assam. The highest maximum temperatures reported during the week have been 108.3° at Chybassa on the 2nd, and 107.9° at Cuttack also on the 2nd.

**Humidity**—The principal feature of interest in this respect has been the unusually high humidity in Behar and at the western stations generally, due to the strong easterly winds which have prevailed almost throughout the week over the greater part of the province.

**Rainfall**—In Bengal has been brought about as before described by a succession of local storms, the largest amounts having fallen in South-West Bengal, which has received an average



of 1.48 inches; Orissa has received 1.01 inches, East Bengal an average of 0.88 inch, North Bengal 0.87 inch, Chutia Nagpur 0.60 inch, North Behar 0.34 inch and South Behar 0.24 inch.

For the district of Assam it is impossible to give any average statements, as reports are only received from three stations. The rainfall at these three stations for the week has been at Sibsagar 0.91 inch, at Dhubri 1.01 inches and at Silchar 1.80 inches.

In Bengal the fall for the week has been slightly above the normal amount in Orissa, South-West Bengal and Chutia Nagpur; it has been slightly below the normal in South Behar, and largely below the normal in East and North Bengal and North Behar.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 6th of May 1887:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.									
	Highest observed during week.	Lowest observed during week.	Averages for week.				Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of April.		Since 15th May 1886.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average.		Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.	
Orissa ... ..	107.9	69.9	90.6	177.0	83.8	-1.7	1.01	0.62	+0.39	1.5	1.3	+0.2	1.63	1.94	64.54	57.50	
South-West Bengal ...	106.5	64.5	84.2	72.8	83.5	-2.2	1.48	1.27	+0.21	2.5	2.1	+0.4	2.58	3.21	62.97	57.50	
East Bengal ... ..	97.3	65.1	80.8	73.6	82.3	+2.0	0.88	2.41	-1.53	2.1	3.2	-1.1	2.15	6.12	89.31	84.59	
North Bengal ... ..	99.4	65.7	82.0	70.7	81.3	+1.4	0.87	1.63	-0.76	1.8	2.6	-0.8	3.42	3.87	83.43	74.84	
North Benar ... ..	102.5	64.7	85.1	73.1	84.1	-0.3	0.34	0.59	-0.25	0.8	1.1	-0.3	1.09	1.27	69.46	40.30	
South Behar ... ..	106.6	67.9	85.3	74.9	86.6	-1.1	0.24	0.30	-0.06	0.8	0.8	0	0.99	0.70	65.71	44.06	
Chutia Nagpur ... ..	105.0*	63.7*	87.1*	69.8*	83.5*	-1.9*	0.60	0.40	+0.20	1.9	1.0	+0.9	1.08	0.82	55.13	51.65	
Assam ... ..	91.6	65.4	87.3	69.9	78.6	+1.4											

\* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL;

The 10th May 1887.

A. PEDLER,

Offg. Meteorological Reporter to the Govt. of Bengal.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of April 1887.

	Inches.	Date.	Hour.
The mean pressure of the month ... ..	29.777		
The average pressure of April from 24 years' registers ...	752		
The highest pressure in the month ... ..	29.964	2nd	10h.
The lowest pressure in the month ... ..	29.566	22nd	16h.
The range of pressure ... ..	0.398		
The total number of hours of bright sunshine during the month	291.8		
The maximum possible number of hours of sunshine ...	378.9		
⊖			
The mean temperature of the month ... ..	83.4		
The average temperature of April from 24 years' registers ...	84.7		
The highest temperature in the month ... ..	102.0	21st & 22nd	
The lowest temperature in the month ... ..	68.2	9th	
The range of temperature during the month ... ..	33.8		
The mean daily range of temperature ... ..	18.9		
The greatest range of temperature in one day ... ..	26.3	22nd	
Per cent.			
The mean humidity of the month ... ..	70		
The average humidity of April from 24 years' registers ...	69		
Inches.			
The mean vapour tension of the month ... ..	0.777		
The average vapour tension of April from 9 years' registers ...	0.861		
The mean cloud proportion of the month ... ..	2.12		
The average cloud proportion of April from 10 years' registers...	2.55		
Inches.			
The total rainfall of the month ... ..	0.89		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground)	0.85		
The average fall of April from 48 years' registers ...	2.81		
The greatest fall in 24 hours ... ..	0.50	14th	
Days.			
The number of rainy days in the month ... ..	3		
The average number of rainy days in April from 24 years' registers ...	8		
⊖			
The mean maximum equilibrium temperature of solar radiation during the month ... ..	148.1		
The mean difference of sun and air temperatures ... ..	55.0		
The greatest sun temperature ... ..	155.6	20th	
The greatest excess of sun over air temperature ... ..	64.5	9th	
The mean temperature of the nocturnal radiation thermometer on woollen cloth ... ..	67.7		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground ... ..	6.4		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature ... ..	9.8	7th	
Miles.			
The mean movement of the wind per day ... ..	167.6		
The greatest movement of the wind in one day ... ..	346.0	28th	
The greatest movement of the wind in one hour ... ..			
	23.0	27th noon to 1 p.m.	
The number of hours with winds from each of the 8 points—			

N. 25, NE. 8, E. 17, SE. 54, S. 273, SW. 256, W. 49, NW. 34, Calm 4.

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park-street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore .003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 0.2° lower; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

A. PEDLER,

METEOROLOGICAL OFFICE, INDIA;  
Calcutta, the 9th May 1887.

For Offg. Meteorological Reporter to the Govt. of India.

*Statement showing the Results of the Registration of Births and Deaths in the Principal Municipalities in Bengal during the week ending 23rd April 1881.*

[illegible]

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of April 1887.

	Inches.	Date.	Hour.
The mean pressure of the month ...	29.777		
The average pressure of April from 24 years' registers ...	75.2		
The highest pressure in the month ...	29.964	2nd	10h.
The lowest pressure in the month ...	29.566	22nd	16h.
The range of pressure ...	0.398		
Hours.			
The total number of hours of bright sunshine during the month	291.8		
The maximum possible number of hours of sunshine	378.9		
°			
The mean temperature of the month ...	83.4		
The average temperature of April from 24 years' registers ...	84.7		
The highest temperature in the month ...	102.0	21st & 22nd	
The lowest temperature in the month ...	68.2	9th	
The range of temperature during the month ...	33.8		
The mean daily range of temperature ...	18.9		
The greatest range of temperature in one day ...	26.3	22nd	
Per cent.			
The mean humidity of the month ...	70		
The average humidity of April from 24 years' registers ...	69		
Inches.			
The mean vapour tension of the month ...	0.777		
The average vapour tension of April from 9 years' registers ...	0.861		
The mean cloud proportion of the month ...	2.12		
The average cloud proportion of April from 10 years' registers...	2.55		
Inches.			
The total rainfall of the month ...	0.89		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground)	0.85		
The average fall of April from 48 years' registers ...	2.81		
The greatest fall in 24 hours ...	0.50	14th	
Days.			
The number of rainy days in the month ...	3		
The average number of rainy days in April from 24 years' registers ...	8		
°			
The mean maximum equilibrium temperature of solar radiation during the month ...	148.1		
The mean difference of sun and air temperatures ...	55.0		
The greatest sun temperature ...	155.6	20th	
The greatest excess of sun over air temperature ...	64.5	9th	
The mean temperature of the nocturnal radiation thermometer on woollen cloth ...	67.7		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground ...	6.4		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature ...	9.8	7th	
Miles.			
The mean movement of the wind per day ...	167.6		
The greatest movement of the wind in one day ...	346.0	28th	
°			
The greatest movement of the wind in one hour ...	23.0	27th noon to 1 p.m.	
The number of hours with winds from each of the 8 points—			
N. 25, NE. 8, E. 17, SE 54, S. 273, SW. 256, W. 49, NW. 34, Calm 4.			

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park-street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore .003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 0.2° lower; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

A. PEDLER,

METEOROLOGICAL OFFICE, INDIA;  
Calcutta, the 9th May 1887.

For Offg. Meteorological Reporter to the Govt. of India.



[illegible]

\* A special census of the Europeans in the Darfiling Municipality was recently taken, as the census of this section of the community taken in February 1881, was not reliable owing to the Europeans being at a minimum in that month. The number of the natives under 15 years of age was 1,000, and the ratio was 100 to 1,000. The ratios under which have been omitted, inasmuch as the census of the Europeans was not reliable owing to the Europeans being at a minimum in that month. The number of the natives under 15 years of age was 1,000, and the ratio was 100 to 1,000.

## MORTALITY ACCORDING TO—

## Age.

MORTALITY ACCORDING TO—										Age.																			
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R. LIDDERDALE, M.D., Deputy Surgeon-General,  
Sanitary Commissioner for Bengal.OFFICE OF SANITARY COMMISSIONER FOR BENGAL.  
The 9th May 1887.

**PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.**  
**SOUTH-WESTERN CIRCLE.**

NUDDA RIVERS.

*Statement showing Quantities of Goods carried during the month of March 1887.*

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
701	1. Grain ...	2,268	5,267	7,535	3,79,655	7,535	3,79,655	
.....	2. Cotton ...	.....	.....	.....	.....	.....	.....	
190	3. Oil-seeds ...	74	2,236	2,310	2,42,085	2,310	2,42,085	
344	4. Salt ...	2,312	.....	2,312	1,93,368	2,312	1,93,368	
.....	5. Piece-goods ...	.....	.....	.....	.....	.....	.....	
29	6. Metal ...	154	13	167	45,290	167	45,290	
27	7. Building materials ...	129	73	202	4,593	202	4,593	
727	8. Miscellaneous ...	1,359	3,362	4,721	7,36,131	4,721	7,36,131	
50	9. Fuel ...	253	182	435	3,747	435	3,747	
119 rafts	10. Timber ...	405 c. ft.	16,140 c. ft.	16,545 c. ft.	40,767	16,545 c. ft.	40,767	
14 „	11. Bamboos ...	.....	9,754 „	9,754 „	974	9,754 „	974	
2,068 & 133 rafts	12. Total ...	6,549 & 405 c. ft.	11,133 & 25,894 c. ft.	17,682 & 26,299 c. ft.	16,46,610	17,682 & 26,299 c. ft.	16,46,610	
4,293 & 26 rafts	13. Total of same month last year ...	.....	.....	18,836	17,11,477	18,836	17,11,477	

	Up.	Down.	Total.		Rs. A. P.
14. Total number of boats plying cargo No.	946	1,122	2,068	Total tollage of month— 24 + 25 + 26 ...	9,647 1 0
14a. Ditto empty boats and steamers ...	679	226	905		
15. Total number of boats plying passenger No	826	677	1,503	Total tollage of same month last year ...	9,593 4 0
16. Total registered tonnage, cargo ...	2,53,270	3,78,238	6,31,508		
17. Total registered tonnage, passenger ...	164	120	284	Memorandum of Tollage.	
18. Ton-mileage ...	.....	.....	.....		Rs. A. P.
19. Estimated value of cargo ...	6,55,548	9,49,321	16,04,869	1. Balance not recovered on the 1st of the month ...	721 6 6
20. Number of passengers ..	1,011	1,202	2,213		
21. Rafts, bamboos c. ft.	.....	9,754	9,754		
22. Do., bullahs „	405	16,140	16,545	2. Tollage per month ...	9,647 1 0
23. Estimated value of rafts ...	607	41,134	41,741		
24. Tollage on boats Rs.	4,165-6-6	5,190-6-0	9,355-12-0	3. Total ...	10,368 7 0
25. Compounded tollage on boats Rs.	.....	.....	.....		
26. Tollage on rafts „	3-0-0	288-5-0	291-5-0	4. Amount paid into treasury during the month ...	9,990 0 6
27. Total tollage on boats per ton-mile ...	.....	.....	.....		
28. Total tollage on rafts per 100 cubic feet ...	.....	.....	.....	5. Balance due at the end of the month ...	378 6 6

CALCUTTA,  
The 10th May 1887.

C. W. I. HARRISON, Lieut.-Col., R. E.,  
Offg. Joint-Secretary to the Government of Bengal.



IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1886-87.  
Areas leased for Irrigation up to end of March 1887.

CIRCLE.	DISTRICT.	CANAL.	Esti- mated full dis- charge.	Average discharge in month.	Discharge utilised.	Approx- imate area of land irrigated during the year up to the end of the month.	Approx- imate area under irrigation up to the same date last year.	DETAILS OF AREAS LEASED.										RAINFALL, 1886-87.		RAINFALL, 1885-86.		REMARKS.
								Five years, all crops.	Five years, kharreef.	ANNUAL LEASES.					Grand total.	During month.	Up to end of month.	During month.	Up to end of month.			
										Khar. reef.	Rubbee. canal.	Sugar- cane.	Bhadol weather.	Total.						Acre.	Acre.	
ORISSA	Cuttack	Taldanda, 1st Reach.	1,342	10'56	.....	4,249	3,896	.....	3,976	.....	101	15	.....	116	1'00	61'44	2'40	57'55				
		Taldanda, 2nd Reach.	566	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
		Machong	776	9'74	.....	17,377	15,290	.....	18,010	.....	7	3	.....	10	.....	.....	.....	.....				
		Kendrapara	1,289	250	405	31,763	27,493	.....	37,142	86	2,975	41	.....	2,402	.....	.....	.....	.....				
		Pattamondree	1,042	55'00	47'00	6,014	7,377	.....	8,086	.....	1	.....	.....	1	.....	.....	.....	.....				
		Gobri	379'89	37'32	16'79	398	539	.....	13,600	.....	.....	.....	.....	.....	.....	.....	.....	.....				
		High Level,	675	.....	.....	13,611	13,963	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
		Range I. Level,	727'16	341'53	341'53	439	307	.....	354	.....	48	.....	.....	43	.....	.....	.....	.....				
		High Level,	727'16	.....	.....	5,982	6,545	.....	6,127	.....	.....	80	.....	80	.....	.....	.....	.....				
		Range III.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
		Total	.....	.....	.....	80,024	75,111	.....	87,205	86	2,439	148	.....	2,673	.....	.....	.....					
		Total of the corresponding period of last year.	.....	.....	.....	.....	.....	.....	79,154	50	1,581	108	.....	1,801	.....	.....	.....					
SOUTH- WESTERN.	Midnapore	.....	1,411	49	.....	61,610	51,707	.....	61,831	.....	.....	.....	.....	.....	.....	.....	.....					
		Panchkoerah	522	13	.....	5,770	5,870	.....	6,827	.....	.....	.....	.....	.....	.....	.....	.....					
		Tidal Reaches	.....	.....	.....	.....	603	.....	848	.....	.....	.....	.....	.....	.....	.....	.....					
		Ranges I and II.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....					
		Total	.....	.....	.....	68,042	58,180	.....	69,765	.....	.....	.....	.....	.....	.....	.....	.....					
		Total of the corresponding period of last year.	.....	.....	.....	.....	.....	.....	67,209	.....	.....	.....	.....	.....	.....	.....	.....					
		Shahabad	4,342	1,593	51	21,983	31,030	.....	17,049	.....	1,917	299	.....	3,129	.....	.....	.....					
		Buxar	1,293	336	310	61,583	42,418	.....	4,402	.....	.....	.....	.....	.....	.....	.....	.....					
		Arrah	1,960	1,912	701	142,710	154,740	.....	11,958	.....	5,585	2,494	158	8,044	.....	.....	.....					
		Patna and Eastern Main	1,465	435	324	17,586	14,691	.....	9,558	.....	2,133	213	112	398	.....	.....	.....					
SONE	Patna	Gya	.....	.....	.....	50,035	44,849	.....	51,299	.....	.....	.....	.....	.....	.....	.....	.....					
		Total	.....	.....	.....	278,288	324,119	.....	194,251	.....	27,425	5,402	398	8,619	.....	.....	.....					
		Total of the corresponding period of last year.	.....	.....	.....	.....	.....	.....	173,828	.....	61,580	31,704	5,186	118	6,117	.....	.....					
		Grand Total	.....	.....	.....	426,454	457,410	.....	194,351	27,511	13,078	5,550	398	8,619	.....	.....	.....					
		Grand total of the correspond- ing period of last year	.....	.....	.....	.....	.....	.....	157,753	63,906	33,315	5,354	118	6,119	.....	.....	.....					
		Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
		Total of the corresponding period of last year.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
		Grand Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
		Grand total of the correspond- ing period of last year	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
				Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
		Total of the corresponding period of last year.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....					

\* Leased to end of February 1887  
Add leased during March 1887

..... 6,325 acres.  
..... 14 "

..... 6,339 "  
..... 754 "  
Total ..... 5,585 "

Total areas transferred to five-years leases during March 1887

The 10th May 1887.

C. W. I. HARRISON, Lieut.-Col., R.E.,  
Offg. Joint-Secretary to the Govt. of Bengal.



## Weekly Return of Traffic Receipts on Indian Railways.

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 30th April 1887, on 1,519 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES	
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
Total traffic for the week ...	268,733	2,98,284 1 0	28,28,038 0	7,36,095 0 0	18,411 4 1	10,52,790 5 1	60,889	119,030
Or per mile of railway ...	...	196 5 11	...	484 9 6	12 1 11	693 1 4	...	...
For previous 16 weeks of half-year ...	4,079,826	47,74,263 15 0	4,23,59,000 30	1,09,88,619 6 7	2,94,125 2 9	1,60,57,008 8 4	1,164,460	1,797,426
Total for 17 weeks ...	4,348,559	50,72,548 0 0	4,51,87,038 30	1,17,24,714 6 7	3,12,536 0 10	1,71,09,798 13 5	1,174,346	1,917,957
COMPARISON.								
Total for corresponding week of previous year ...	254,386	3,16,073 0 7	29,30,093 39	7,38,919 10 3	22,348 0 11	10,77,040 11 9	64,537	130,649
Per mile of railway corresponding week of previous year ...	...	209 0 5	...	487 11 9	14 12 0	711 8 2	...	...
Total to corresponding date of previous year ...	4,132,015	49,47,044 4 7	4,78,66,161 0	1,16,21,345 12 3	3,73,865 12 4	1,69,42,245 12 2	1,157,751	1,964,011

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 1ST MAY 1886.			RECEIPTS FOR WEEK ENDING 30TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 1ST MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 30TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
1,515	19,77,941	712	1,519	10,52,790	693	1,515	45,29,667	2,990	1,519	43,47,963	2,862	...	1,515

## PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 30th April 1887, on 57½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES	
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
Total traffic for the week ...	32,800	5,860 8 0	64,842 0	4,953 1 0	49 12 0	10,889 5 0	1,536	868
Or per mile of railway ...	575	102 9 0	1,133 30	86 9 5	0 13 11	190 0 4	...	...
For previous 16 weeks of half-year ...	219,769	1,18,950 0 0	8,65,960 20	53,269 3 9	896 4 6	1,73,085 14 3	27,782	14,038
Total for 17 weeks ...	252,629	1,24,846 14 0	9,27,902 20	58,162 4 9	946 0 6	1,83,955 3 3	29,368	15,746
COMPARISON.								
Total for corresponding week of previous year ...	11,875	5,290 2 6	59,173 10	5,490 12 0	37 15 3	10,824 13 9	1,320	868
Per mile of railway corresponding week of previous year ...	208	92 9 5	1,034 20	96 15 11	0 10 7	189 3 11	...	...
Total to corresponding date of previous year ...	229,112	1,23,744 4 1	9,92,305 30	63,747 4 0	891 13 9	1,90,333 5 10	29,423	15,225

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 1ST MAY 1886.			RECEIPTS FOR WEEK ENDING 30TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 1ST MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 30TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
57½	10,825	189	57½	10,869	190	57½	56,983	296	57½	46,811	818	...	...

## DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 30th April 1887, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,467	267 10 0	19,803 10	737 1 0	11 7 0	1,316 2 0	316½	177	493½
Or per mile of railway ...	.....	47 4 10	.....	61 6 9	0 15 3	109 10 10	.....	.....	.....
For previous 16 weeks of half-year ...	45,751	7,875 5 0	3,27,180 0	8,184 13 0	108 5 3	13,168 7 3	5,505½	2,461	7,966½
Total for 17 weeks ...	49,218	8,442 15 0	3,46,983 10	8,921 14 0	119 12 3	17,484 9 3	5,822	2,638	8,460
COMPARISON.									
Total for corresponding week of previous year ...	3,601	649 15 0	23,622 10	841 12 0	64 4 3	1,555 15 9	253	262	515
Or per mile of railway corresponding week of previous year ...	.....	54 2 8	.....	70 2 4	5 5 8	129 10 8	.....	.....	.....
Total to corresponding date of previous year ...	46,520	7,989 6 4	5,95,290 0	9,157 2 0	747 9 3	17,894 1 7	3,618	5,101	8,719

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 1ST MAY 1886.			RECEIPTS FOR WEEK ENDING 30TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 1ST MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 30TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
12	Rs. 1,556	Rs. 130	12	Rs. 1,316	Rs. 110	12	Rs. 5,657	Rs. 471	12	Rs. 4,896	Rs. 408	.....	761

## SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 30th April 1887, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	6,401	4,607 15 0	99,233 20	3,903 14 0	116 5 0	8,628 2 0	694	1,234½	1,928½
Or per mile of railway ...	.....	61 9 8	.....	52 3 1	1 8 10	115 5 7	.....	.....	.....
For previous 16 weeks of half-year ...	93,524	71,706 5 0	16,40,367 0	75,754 0 0	1,558 10 9	1,49,018 15 9	12,145½	19,380½	31,526½
Total for 17 weeks ...	1,00,015	76,314 4 0	17,39,890 20	79,657 14 0	1,674 15 9	1,57,647 1 9	12,839½	20,615½	33,455½
COMPARISON.									
Total for corresponding week of previous year ...	5,911	4,239 9 10	63,087 30	3,161 3 0	109 8 9	7,510 5 7	704	956	1,660
Or per mile of railway corresponding week of previous year ...	.....	56 10 11	.....	42 4 2	1 7 5	100 6 6	.....	.....	.....
Total to corresponding date of previous year ...	97,081½	78,255 1 3	14,69,552 30	63,694 15 0	1,736 14 3	1,43,586 14 6	20,741	19,693	40,434

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 1ST MAY 1886.			RECEIPTS FOR WEEK ENDING 30TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 1ST MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 30TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
74½	Rs. 7,510	Rs. 100	74½	Rs. 8,628	Rs. 115	74½	Rs. 36,779	Rs. 492	74½	Rs. 36,712	Rs. 491	.....	67

## TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 30th April 1887, on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	18,239	4,896 3 0	9,689 0	338 14 0	6 4 0	5,261 5 0	918	50	968
Or per mile of railway ...	.....	220 10 0	.....	16 2 1	0 4 6	236 7 5	.....	.....	.....
For previous 16 weeks of half-year ...	331,781	91,555 0 0	1,38,828 0	4,634 7 0	107 13 3	96,597 4 3	15,339	683	16,022
Total for 17 weeks ...	350,020	96,761 3 0	1,48,497 0	4,993 5 0	114 1 3	1,01,858 9 3	16,257	733	16,990
COMPARISON.									
Total for corresponding week of previous year ...	19,225	5,030 2 10	8,866 0	345 8 0	5 8 0	5,381 2 10	922	46	968
Per mile of railway corresponding week of previous year ...	.....	226 1 3	.....	15 8 5	0 3 11	241 13 7	.....	.....	.....
Total to corresponding date of previous year ...	360,952	96,134 12 6	1,98,142 20	6,766 0 0	120 3 11	1,03,321 0 5	17,645	2,283	19,928

Approximate Statement of gross receipts of the Tarkessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 1st MAY 1886.			RECEIPTS FOR WEEK ENDING 30th APRIL 1887.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 1st MAY 1886.			TOTAL RECEIPTS FROM 1st APRIL 1887 TO 30th APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
22½	5,381	242	22½	5,261	236	22½	31,622	1,394	22½	29,405	1,322	.....	1,617

## INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 30th April 1887, on 42 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,218	1,422 9 3	61,927 0	4,346 14 0	57 0 0	5,896 7 3	174	456	630
Or per mile of railway ...	.....	33 13 11	.....	103 8 0	0 14 1	138 4 0	.....	.....	.....
For previous 16 weeks of half-year ...	41,550	19,292 3 0	7,97,597 10	53,430 5 0	551 0 9	73,273 8 9	3,132	9,594	12,726
Total for 17 weeks ...	44,768	20,714 12 3	8,59,524 10	57,777 3 0	588 0 9	79,089 0 0	3,306	10,050	13,356
COMPARISON.									
Total for corresponding week of previous year ...	2,214	1,007 4 3	20,229 30	1,387 12 0	31 12 0	2,426 12 3	298	290	588
Per mile of railway corresponding week of previous year ...	.....	23 15 9	.....	33 0 8	0 12 1	57 12 6	.....	.....	.....
Total to corresponding date of previous year ...	9,295	4,285 12 6	72,326 20	5,032 6 0	116 11 0	9,434 13 6	1,341	1,203	2,544

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 1st MAY 1886.			RECEIPTS FOR WEEK ENDING 30th APRIL 1887.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 1st MAY 1886.			TOTAL RECEIPTS FROM 1st APRIL 1887 TO 30th APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
42	2,427	58	42	5,896	138	42	9,435	225	42	18,990	452	9,555	.....



## EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K. AND D. AND ASSAM BEHAR SECTIONS.)

Approximate Return of Traffic for week ending 23rd April 1887, on 645 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including Steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	114,478	58,170 0 0	4,67,247 0	68,990 0 0	11,010 0 0	1,38,170 0 0	19,876	16,577	36,453
Or per mile of railway ...	177	90 0 0	724 0	107 0 0	.....	197 0 0	.....	.....	.....
For previous 15 weeks of half-year ...	2,086,671	9,81,828 0 0	78,67,455 0*	11,94,361 0 0	1,93,718 0 0	23,69,907 0 0†	295,397*	298,598*	593,995
Total for 16 weeks ...	2,201,149	10,39,998 0 0	83,34,702 0	12,68,351 0 0	2,04,728 0 0	25,08,677 0 0	315,273	315,175	630,448
COMPARISON.									
Total for corresponding week of previous year (606)	117,985	59,160 0 0	4,51,550 0	59,663 0 0	11,275 0 0	1,30,998 0 0	17,642	18,361	36,003
Or per mile of railway, corresponding period of previous year ...	195	98 0 0	745 0	98 0 0	.....	196 0 0	.....	.....	.....
Total to corresponding date of previous year ...	2,094,270	9,58,042 0 0	96,06,705 0	12,54,392 0 0	2,04,004 0 0	24,16,438 0 0	279,136	321,860	630,996

\* Corrected.

† Audited up to week ending 5th March 1887.

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway system.

RECEIPTS FOR WEEK ENDING 24TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 23RD APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 24TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 23RD APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	(3 weeks) Total receipts.	Per mile worked.	Mean mileage worked.	(3 weeks) Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
606	1,39,698	215	645	1,38,170	214	606	4,47,591	246	645	4,40,834	228	.....	6,757

## BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 23rd April 1887, on 125 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the Week ...	21,690	7,770 0 0	43,140 0	2,740 0 0	80 0 0	10,540 0 0	3,786	1,424	5,210
Or per mile of railway ...	174	62 0 0	345 0	22 0 0	.....	84 0 0	.....	.....	.....
For previous 15 weeks of half-year ...	389,194	1,30,270 0 0	5,10,339 0	35,081 0 0	741 0 0	1,66,092 0 0*	57,424	21,799	79,223
Total for 16 weeks ...	390,884	1,38,040 0 0	5,62,479 0	37,821 0 0	771 0 0	1,76,632 0 0	61,210	23,223	84,433
COMPARISON.									
Total for corresponding week of previous year ...	24,322	8,871 0 0	39,742 0	2,568 0 0	32 0 0	11,471 0 0	3,803	1,407	5,210
Or per mile of railway, corresponding period of previous year ...	195	71 0 0	318 0	20 0 0	.....	91 0 0	.....	.....	.....
Total to corresponding date of previous year ...	396,668	1,39,816 0 0	6,35,042 0	35,244 0 0	460 0 0	1,75,520 0 0	62,013	22,065	84,078

\* Audited up to week ending 5th March 1887.

## FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

RECEIPTS FOR WEEK ENDING 24TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 23RD APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 24TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 23RD APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
125	11,471	92	125	10,540	84	125	37,167	99	125	34,166	91	.....	2,969



## ASSAM-BEHAR STATE RAILWAY.

## PURNEAH SECTION.

*Approximate Return of Traffic for first 9 days of April 1887, on 39 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for first 9 days ...	3,034	1,106 0 0	19,626 0	1,912 0 0	10 0 0	3,028 0 0	604	782	1,386
Or per mile of railway ...	78	28 0 0	503 0	49 0 0	.....	77 0 0	.....	.....	.....
For previous weeks of half-year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total for 9 days or 1 week ...	3,034	1,106 0 0	19,626 0	1,912 0 0	10 0 0	3,028 0 0	604	782	1,386
COMPARISON.									
Total for corresponding week of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Per mile of railway, corresponding period of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....

## FINANCIAL YEAR.

*Approximate Statement of gross receipts of the Assam-Bihar State Railway.*

RECEIPTS FOR WEEK ENDING 188 .			RECEIPTS FOR FIRST 9 DAYS OF APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 188 .			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 9 DAYS OF APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
.....	.....	.....	39	3,028	78	.....	.....	.....	39	3,028	78	3,028	.....

## ASSAM-BEHAR STATE RAILWAY.

## PURNEAH SECTION.

*Approximate Return of Traffic for week ended 16th April 1887, on 39 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,318	780 0 0	20,000 0	2,243 0 0	20 0 0	3,043 0 0	470	608	1,078
Or per mile of railway ...	59	20 0 0	513 0	58 0 0	.....	78 0 0	.....	.....	.....
For previous 1 week of half-year ...	3,034	1,106 0 0	19,626 0	1,912 0 0	10 0 0	3,028 0 0	604	782	1,386
Total for 2 weeks ...	5,352	1,886 0 0	39,626 0	4,155 0 0	30 0 0	6,071 0 0	1,074	1,390	2,464
COMPARISON.									
Total for corresponding week of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Per mile of railway, corresponding period of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....

## FINANCIAL YEAR.

*Approximate Statement of gross receipts of the Assam-Bihar State Railway.*

RECEIPTS FOR WEEK ENDING 188 .			RECEIPTS FOR WEEK ENDING 16TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 188 .			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 16TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
.....	.....	.....	39	3,043	78	.....	.....	.....	39	6,071	78	6,071	.....

## ASSAM-BEHAR STATE RAILWAY.

## PURNEAH SECTION.

Approximate Return of Traffic for week ended 23rd April 1887, on 39 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,326	800 0 0	20,000 0	2,050 0 0	10 0 0	2,920 0 0	470	608	1,078
per mile of railway ...	65	22 0 0	513 0	53 0 0	.....	75 0 0	.....	.....	.....
for previous 13 weeks of half-year ...	5,352	1,894 0 0	39,626 0	4,155 0 0	30 0 0	6,071 0 0	1,074	1,300	2,404
Total for 3 weeks ...	7,878	2,746 0 0	59,626 0	6,205 0 0	40 0 0	8,991 0 0	1,544	1,998	3,512
COMPARISON.									
Total for corresponding week of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
per mile of railway corresponding period of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Assam-Bihar State Railway.

RECEIPTS FOR WEEK ENDING 24TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 23RD APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 24TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 23RD APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Rs.	Rs.
.....	Rs.	Rs.	Rs.	Rs.	.....	Rs.	Rs.	.....	Rs.	Rs.	.....	Rs.	Rs.
.....	.....	59	2,920	75	.....	.....	.....	39	8,991	77	.....	8,991	.....

## DACCA STATE RAILWAY.

Approximate Return of Traffic for first 9 days of April 1887, on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for first 9 days ...	21,552	5,900 0 0	5,300 0	810 0 0	40 0 0	6,810 0 0	2,817	1,032	3,849
per mile of railway ...	251	69 0 0	62 0	9 0 0	.....	78 0 0	.....	.....	.....
for previous 13 weeks of half-year ...	160,907	58,872 0 0	2,62,295 0	23,567 0 0	1,481 0 0	83,920 0 0	28,650	15,073	43,723
Total for 14 weeks ...	188,459	64,832 0 0	2,67,595 0	24,377 0 0	1,521 0 0	99,730 0 0	31,467	16,105	47,572
COMPARISON.									
Total for corresponding week of previous year ...	11,753	3,756 0 0	2,579 0	414 0 0	133 0 0	4,303 0 0	934	1,700	2,694
per mile of railway, corresponding period of previous year ...	137	43 0 0	30 0	5 0 0	.....	48 0 0	.....	.....	.....
Total to corresponding date of previous year ...	153,849	36,909 0 0	1,93,901 0	20,468 0 0	3,816 0 0	61,223 0 0	11,152	25,320	36,452

\* Audited up to week ending 29th January 1887.

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR WEEK ENDING 10TH APRIL 1886.			RECEIPTS FOR FIRST 9 DAYS OF APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 10TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 9TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Rs.	Rs.
.....	Rs.	Rs.	Rs.	Rs.	.....	Rs.	Rs.	.....	Rs.	Rs.	.....	Rs.	Rs.
.....	4,303	50	6,810	79	86	5,921	69	86	6,810	79	.....	889	.....

## DACCA STATE RAILWAY.

*Approximate Return of Traffic for the week ended 16th April 1887, on 86 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	11,158	3,470 0 0	4,515 0	730 0 0	50 0 0	4,250 0 0	2,008	1,605	3,613
Or per mile of railway...	130	40 0 0	52 0	9 0 0	.....	49 0 0	.....	.....	.....
For previous 14 weeks of half-year...	188,459	64,532 0 0	2,67,595 0	24,377 0 0	1,521 0 0	90,730 0 0*	31,467	16,165	47,632
Total for 15 weeks...	199,617	68,302 0 0	2,72,110 0	25,107 0 0	1,571 0 0	94,980 0 0	33,475	17,110	50,585
COMPARISON.									
Total for corresponding week of previous year...	13,411	3,568 0 0	4,876 0	783 0 0	66 0 0	4,415 0 0	974	1,629	2,603
Per mile of railway corresponding period of previous year...	156	42 0 0	57 0	9 0 0	.....	51 0 0	.....	.....	.....
Total to corresponding date of previous year...	147,260	40,475 0 0	1,68,777 0	21,251 0 0	3,912 0 0	65,638 0 0	12,106	20,949	33,055

\* Audited up to week ending 29th January 1887.

## FINANCIAL YEAR.

*Approximate Statement of gross receipts of the Dacca State Railway.*

RECEIPTS FOR WEEK ENDING 17TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 16TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 17TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 16TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
86	4,415	51	86	4,250	49	86	10,336	60	86	11,060	64	724	.....

## DACCA STATE RAILWAY.

*Approximate Return of Traffic for week ended 23rd April 1887, on 86 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including Steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	12,999	4,080 0 0	2,506 0	420 0 0	40 0 0	4,540 0 0	2,177	810	2,987
Or per mile of railway...	142	47 0 0	29 0	5 0 0	.....	52 0 0	.....	.....	.....
For previous 15 weeks of half-year...	199,617	68,679 0 0	2,72,110 0	24,428 0 0	2,320 0 0	95,427 0 0*	33,475	17,110	50,585
Total for 16 weeks...	211,846	72,750 0 0	2,74,616 0	24,848 0 0	2,369 0 0	99,067 0 0	35,652	17,920	53,572
COMPARISON.									
Total for corresponding week of previous year...	9,544	3,067 0 0	3,765 0	417 0 0	49 0 0	3,533 0 0	933	1,101	2,034
Per mile of railway, corresponding period of previous year...	111	35 0 0	44 0	5 0 0	.....	40 0 0	.....	.....	.....
Total to corresponding date of previous year...	156,804	43,542 0 0	2,02,542 0	21,058 0 0	3,961 0 0	69,171 0 0	13,039	28,639	41,678

\* Audited up to week ending 5th March 1887.

## FINANCIAL YEAR.

*Approximate Statement of gross receipts of the Dacca State Railway.*

RECEIPTS FOR WEEK ENDING 24TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 23RD APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 24TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 23RD APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
86	5,533	41	86	4,540	53	86	13,869	54	86	15,000	60	1,731	.....



## TIRHOOT STATE RAILWAY.

*Approximate Return of Traffic for the week ending 23rd April 1887, on 240 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 240 miles open ...	38,623	13,751 10 4	1,76,586 0	17,240 2 6	3,415 13 1	34,407 9 11	5,119	5,690	10,809
per mile of railway ...	155	55 3 0	709 0	69 4 0	2 14 0	127 5 0*	.....	.....	.....
for previous 15 weeks of half-year ...	564,408	2,22,453 5 8	24,12,243 0	2,40,714 13 6	47,525 2 11	5,10,693 6 1	81,597	80,070	170,667
Total for 16 weeks ...	603,031	2,36,203 0 0	25,88,820 0	2,57,955 0 0	50,941 0 0	5,45,101 0 0	89,716	91,760	181,476
COMPARISON.									
Total for corresponding week of previous year on 240 miles open ...	38,116	13,636 12 5	1,36,670 20	13,125 0 0	3,010 15 3	39,672 11 8	5,633	5,368	10,961
per mile of railway, corresponding week of previous year ...	155	56 10 0	556 0	53 6 0	1 3 0	161 3 0*	.....	.....	.....
Total to corresponding date of previous year ...	562,325½	1,97,197 6 7	20,08,485 0	2,01,515 4 3	45,093 0 6	4,44,407 11 4	71,734	78,162	149,896

\* Steam-boat earnings excluded in calculating "Total earnings per mile of Railway."

## FINANCIAL YEAR.

*Approximate Statement of gross receipts of the Tirhoot State Railway.*

RECEIPTS FOR WEEK ENDING 24TH APRIL 1886.			RECEIPTS FOR WEEK ENDING 23RD APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 24TH APRIL 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 23RD APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
246	39,073	122	249	34,408	138	246	1,14,507	465	249	1,32,069	539	17,562	.....

## TIRHOOT STATE RAILWAY.

*Approximate Return of Traffic for the week ending 30th April 1887, on 249 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 249 miles open ...	42,399½	14,028 0 10	1,72,615 0	16,888 0 0	3,547 9 0	35,361 9 10	5,187	6,722	11,909
per mile of railway ...	170	59 15 0	693 0	67 13 0	3 0 0	139 12 0*	.....	.....	.....
for previous 16 weeks of half-year ...	603,566½	2,36,675 15 2	26,16,598 0	2,60,577 9 0	50,476 7 0	5,47,719 6 2	89,883	91,396	1,81,569
Total for 17 weeks ...	646,856	2,51,694 0 0	27,89,213 0	2,77,455 0 0	51,014 0 0	5,83,083 0 0	95,070	98,498	1,93,478
COMPARISON.									
Total for corresponding week of previous year on 246 miles open ...	34,536½	12,594 4 2	1,31,406 0	12,167 1 0	3,142 13 5	27,844 2 7	5,879	6,463	12,342
per mile of railway, corresponding week of previous year ...	140	51 3 0	534 0	49 3 0	1 5 0	101 11 0*	.....	.....	.....
Total to corresponding date of previous year ...	536,856	2,09,791 10 0	21,39,951 0	2,13,622 5 3	48,533 13 11	4,72,249 13 11	77,443	81,625	1,62,238

\* Steam-boat earnings excluded in calculating "Total earnings per mile of railway."

## FINANCIAL YEAR.

*Approximate Statement of gross receipts of the Tirhoot State Railway.*

RECEIPTS FOR WEEK ENDING 1ST MAY 1886.			RECEIPTS FOR WEEK ENDING 30TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 1ST MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 30TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
246	27,844	113	249	35,361	142	246	1,42,351	579	249	1,70,061	683	27,700	.....



## NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 30th April 1887, on 27½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,614½	1,058 10 10	9,768 20	744 10 0	21 2 0	1,874 6 10	509	254	763
Or per mile of railway ...	96	38 14 0	358 0	27 5 0	0 12 0	66 15 0	.....	.....	.....
For previous 16 weeks of half-year ...	48,695½	18,143 5 2	2,21,885 20	12,446 6 0	446 11 0	31,036 9 2	8,216	5,733	13,949
Total for 17 weeks ...	51,210	19,202 0 0	2,31,654 0	13,191 0 0	468 0 0	32,801 0 0	8,725	5,987	14,712
COMPARISON.									
Total for corresponding week of previous year ...	2,437	1,027 14 6	4,763 30	354 1 0	24 0 0	1,405 15 6	509	254	763
Per mile of railway corresponding week of previous year ...	89	37 11 0	175 0	13 0 0	0 14 0	51 9 0	.....	.....	.....
Total to corresponding date of previous year ...	44,619	17,637 14 2	1,47,738 30	10,960 14 6	369 5 0	28,968 1 8	8,798	4,609	13,407

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

RECEIPTS FOR WEEK ENDING 1st MAY 1886.			RECEIPTS FOR WEEK ENDING 30th APRIL 1887.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 1st MAY 1886.			TOTAL RECEIPTS FROM 1st APRIL 1887 TO 30th APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
27½	1,406	52	27½	1,824	67	27½	8,412	306	27½	9,000	330	589	.....

## DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for week ending 23rd April 1887	...	...	...	Rs. A. P.
Corresponding week last year	...	...	...	8,074 0 0
Decrease	...	...	...	9,307 0 0
Receipts from 1st January to 23rd April 1887	...	...	...	1,233 0 0
From 1st January to 24th April 1886	...	...	...	1,08,817 0 0
Decrease	...	...	...	1,29,150 0 0
Miles open, week ending 23rd April 1887	...	...	...	20,333 0 0
Corresponding week last year	...	...	...	Miles.
Increase	...	...	...	51
Receipts per mile open, week ending 23rd April 1887	...	...	...	50½
Corresponding week last year	...	...	...	4
Decrease	...	...	...	Rs. A. P.
	...	...	...	158 5 0
	...	...	...	183 6 4
	...	...	...	25 1 4

CHIEF OFFICE, DARJEELING, the 2nd May 1887.

W. STEVENSON, Secretary, D. H. Ry.



# SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, MAY 18, 1887.

## OFFICIAL PAPERS.

*Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

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### FOUNDATION OF A FREE SANSKRIT TOL BY SRIMATI ARNAKALI DEVI OF KASIMBAZAR, IN THE MOORSHEDABAD DISTRICT.

#### GENERAL DEPARTMENT—EDUCATION.

*Calcutta, the 11th May 1887.*

#### RESOLUTION.

READ the undermentioned papers regarding the foundation of a Free Sanskrit Tol by Srimati Arnakali Devi of Kasimbazar, in the Moorshedabad district :—

Endorsement from the Commissioner of the Presidency Division, No. 70M—G, dated 8th March 1887, and its annexure.

Endorsement from the Director of Public Instruction, No. 2876, dated 26th April 1887, and its annexures.

In a letter dated 16th February 1887 Srimati Arnakali Devi of Kasimbazar, in the district of Moorshedabad, informed the Magistrate of the district that, in commemoration of the Jubilee year of the reign of Her Majesty the Queen-Empress, she intended—

- (1) To found at Berhampore a free Sanskrit Tol, to be named the Victoria Free Sanskrit Tol, for the study of Sanskrit literature, philosophy and Dharma shastras, and to provide deserving students of the tol with free board at an annual cost not exceeding Rs. 2,000, with a Sanskrit library, to be attached to the institution and to be open to the public.

- (2) To give a donation of Rs. 500 to the District Committee for any permanent work of public utility which the Committee might think proper to undertake for the commemoration of Her Majesty's Jubilee.
- (3) To distribute food and clothing to destitute persons in her neighbourhood.

On this letter being forwarded to Government by the Commissioner of the Presidency Division, the Lieutenant-Governor called for a report from the Director of Public Instruction with regard to the promised foundation of a free Sanskrit *Tol*.

2. The Director of Public Instruction has now forwarded to Government a letter from the Deputy Inspector of Schools, Moorshedabad, reporting that the *tol* founded by Srimati Arnakali Devi was opened on the 4th March last by the Commissioner of the division, and that it is in working order. The *tol* has been called the "Victoria Free Sanskrit Tol." The Director believes that the institution will materially help in promoting Sanskrit learning in the Moorshedabad district. The Lieutenant-Governor has pleasure in tendering his thanks to Srimati Arnakali Devi for her liberal acts on this occasion.

ORDER.—Ordered that a copy of this Resolution be published in the *Calcutta Gazette*, and that a copy of it be forwarded to the Commissioner of the Presidency Division for information and communication to Srimati Arnakali Devi of Kasimbazar.

Ordered also that a copy of the resolution be forwarded to the Director of Public Instruction for information.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

*Secretary to the Government of Bengal.*

# REPORT OF THE CHEMICAL EXAMINER TO GOVERNMENT FOR THE YEAR 1886.

MUNICIPAL DEPARTMENT—MEDICAL.

Calcutta, the 16th May 1887.

## RESOLUTION.

READ—

A letter from the Inspector-General of Civil Hospitals, No. 2624, dated the 11th April 1887, forwarding the report of the Chemical Examiner for the year 1886.

Read also—

The Report for 1885 and the Resolution recorded on it.

The number of analyses performed during the year under report was 2,286 compared with 2,343 in 1885. The following table shows the general nature of the work done during the year compared with that of the previous year:—

	1885.	1886.
<i>Medico-legal—</i>		
Human viscera tested for poison ... ..	234	266
Animal ditto ditto ... ..	193	157
Fowls ditto ditto ... ..	...	8
Substances suspected to be, or to contain, poison, including cattle poison ... ..	780	634
Articles tested for blood stains ... ..	205	148
Ditto for seminal stains ... ..	25	37
Potable water ... ..	57	71
Petroleum and inflammable oils ... ..	41	103
Lime-juice ... ..	41	9
Opium confiscated ... ..	41	55
Do. for Board of Revenue ... ..	...	4
Salt ... ..	...	8
Ghee ... ..	...	30
Spirit for deleterious adulterations ... ..	14	44
Do. determinations for the Collector of Customs ... ..	53	104
<i>Articles tested for purity and quality—</i>		
For Small Arms Ammunition Factory, Dum-Dum ... ..	538	400
Fort William Arsenal ... ..	2	23
Ichapore Gunpowder and Cossipore Shell Factories ... ..	7	10
Medical Store Department ... ..	15	14
Telegraph Store ditto ... ..	...	24
Commissariat ditto ... ..	44	38
Army Clothing ditto, Alipore ... ..	...	48
Other departments ... ..	53	51
Total ... ..	2,343	2,286

There was a decrease of 57 cases in the number of analyses performed during the year under review. Besides the analytical work, 19 opinions were submitted on various technical questions to departments under the Imperial and Bengal Governments. The diminution in the analytical work occurred chiefly under the following heads:—"Animal viscera tested for poison," "Substances suspected to be, or to contain, poison, including cattle poison," "Articles tested for blood stains," and examinations for the "Small Arms Ammunition Factory, Dum-Dum." On the other hand, there was an increase, chiefly under the following heads:—"Human viscera tested for poison," "Spirit determinations for the Collector of Customs," "Potable waters," "Ghee," "Petroleum" and "Spirits for deleterious adulterations."

2. The first paragraph shows the work done; the result of that work is very clearly shown in the tables submitted with the report. The following brief summary shows the result:—The number of medico-legal examinations was 1,250 as against 1,437 in 1885. The most important examinations were, as usual, those for detecting poison in human viscera. In 18 per cent. of the cases arsenic, and in 19.5 of the cases opium, was detected; all other poisons together only accounted for 4.9 per cent. of the cases, bringing the number in which poison was discovered up to 42.5 per cent. of the whole. The experience of the Chemical Examiner shows that opium is generally used for



suicidal, and arsenic for homicidal, purposes. The large increase under the head "Petroleum and inflammable oils" was due to the introduction of the Petroleum Act of 1886, although this has been in force only for a few months; all the samples tested flashed above the Government standard. Thirty-one specimens of country liquor were examined for fusel oil in accordance with the recommendations of the Excise Commission. A large number of spirit and wine analyses were undertaken at the request of the Commissariat Department. The proposal to have all wines and liquors supplied by the Commissariat Department first submitted for report to the Chemical Examiner's Department before issue, should be referred separately for submission to the Government of India in the Military Department. Amongst the articles tested for purity and quality were 63 samples of cloth examined for the Ordnance Department to discover why the tent cloth wore in holes and became unserviceable after short use; and examinations of locally manufactured cloth, to discover which variety was best suited for the use of troops.

3. More important at the present time than the analyses summarised above were those made in connection with the Ghee Adulteration Act. These showed that out of 17 samples from the mofussil including the districts of 24-Pergunnahs and Howrah, not one was adulterated; while out of 13 samples from the Commissariat 11 had to be condemned. This result is accounted for by the Chemical Examiner on the ground that mohwa oil and cocoanut oil are almost the only adulterants procurable in the mofussil, and that the addition of any considerable quantity of these gives a decided taste to the ghee, while in large towns lard and animal fat are procurable, and a judicious admixture of fat with poppy or mohwa oil and butter fat yields a good imitation ghee. Samples submitted by the Calcutta Police were not examined, as there is a Health Officer attached to the Municipality.

4. The investigation of the poisonous properties of indigenous plants was continued. Only in one case, that of Arum, Bish Kachoo, are the results given. The symptoms are not given, but the suggestion that the effects may be due to the mechanical action of pointed crystals in the tubers and leaves of the plant is a very interesting one. The detailed report is awaited.

5. Attention is drawn to the facts that arsenic was detected in 77 per cent. this year, as against 62.6 per cent. in 1885, of the substances examined because they were suspected to be intended for cattle-poisoning, while it was detected in 75.79 per cent. of cattle viscera sent for examination as against 73.5 per cent. in 1885 and 67.8 per cent. in 1884. The cases in which arsenic was found in human viscera were in 1884, 1885 and 1886, 22, 36, and 48 respectively; and it is pointed out that in the ten years preceding 1885 only once has the number in that year been exceeded. From a consideration of these figures, the necessity of legislation to prevent the sale of arsenic is again urged. It is observed, however, in the cases of suspected cattle poisons and viscera of cattle, that though the *percentage* of cases in which arsenic was detected was in 1886 in each case greater than in 1885, the actual number of cases where arsenic was detected was in each case less. In the case of viscera of cattle, 109 cases out of 157 examined showed traces of arsenic, as against 142 cases out of 193 examined in 1885. So in the case of suspected cattle poisons in 1886, 110 substances out of 144 showed arsenic against 176 out of 281 in 1885. It is also to be remembered that the necessity for exercising discrimination in sending such cases for examination has more than once been impressed upon Civil Medical Officers, and the result to be expected from increased discrimination is that out of a smaller number of cases submitted for examination, a larger percentage should be found to show traces of poison. The actual increase in the number of cases in which arsenic was detected in human viscera may, to some extent, be due to the rule directing that bodies in police cases should invariably be sent into the district headquarters for *post-mortem* examination by the Civil Surgeon, except when, by reason of the distance or other valid cause, there was a danger of the subject not arriving in a fit state for examination. Owing to this a far larger number of the *post-mortem* examinations have, during the last three years, been conducted by officers of high qualifications. It might be expected therefore that arsenic should be found in some cases, where, under the system formerly in force, its presence would not have been suspected.

6. The remarks of Dr. Warden and of the Inspector-General of Civil Hospitals on the use of Norton's tube wells as instruments for ascertaining the quality of water likely to be yielded before tanks are excavated or permanent wells are sunk, will be communicated to Municipalities and District Boards. Dr. Warden's experiments with such tubes appear to promise good results if they are carefully worked.

7. The thanks of the Lieutenant-Governor are due to Dr. Warden for the full and interesting report he has submitted, and for the good work done by him during the year. The Lieutenant-Governor also notices with satisfaction the high terms in which Dr. Warden speaks of the work done by Assistant Surgeon Chuni Lall Bose and Baboo Ram Chandra Datta.

By order of the Lieutenant-Governor of Bengal,

COLMAN MACAULAY,

*Secretary to the Government of Bengal.*

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## PILGRIMAGE TO MECCA

THE following Resolution by the Government of India, in the Home Department, is published for general information:—

F. B. PEACOCK,

*Chief Secy. to the Govt. of Bengal.*

No 2—102-14.

*Extract from the Proceedings of the Government of India, in the Home Department (Sanitary),  
—under date Simla, the 3rd May 1887.*

READ—

Home Department Resolution No.  $\frac{1}{21-33}$ , dated the 21st January 1886, on the subject of the arrangements made with the firm of Messrs. Thomas Cook & Son for the conveyance of pilgrims from India to Jeddah and back.

## RESOLUTION.

In paragraph 3 of the Resolution cited in the preamble, it was announced that the Government of India contemplated the appointment of Messrs. Thomas Cook & Son to be pilgrim agents for the whole of India, and the outlines of the scheme then adopted for the improvement of arrangements for the conveyance of pilgrims to and from the Hedjaz were sketched. The Government of India has recently been in personal communication with Mr. F. H. Cook, the representative of the firm of Messrs. Thomas Cook & Son, who has come to India with the object of carrying the proposed arrangements into effect. The Governor-General in Council is now pleased to notify, for the information of the public, the arrangements which have been completed with that firm for the better ordering of the pilgrim traffic.

2. The understanding upon which Messrs. Thomas Cook & Son have been appointed pilgrim agents is that the arrangements shall last for three years from the beginning of 1887, and shall be terminable at the end of that period at the option of either the Government or Messrs. Cook & Son. In the event of Government withdrawing after three years from the arrangement, Messrs. Cook & Son will be at liberty to continue it as a private enterprise. It is, of course, understood that, though Government gives its countenance and assistance to Messrs. Cook & Son's enterprise, it has no desire to constitute a monopoly in favour of the firm. As, however, the firm engages to convey pilgrims to Jeddah at a fair charge, to protect them while on the journey from extortion and ill-treatment, and to provide them with such comforts and facilities in the way of supplies of food and banking arrangements as may be found desirable and practicable, the Government is satisfied that pilgrims will do well to take advantage of the firm's arrangement. The charges to pilgrims will consist of (1) railway fare; (2) steamship fare; (3) landing charge at Jeddah. The railway fares will be fixed sums; and as they will follow the Railway tariffs, the amount will depend upon the distance of the place of departure from Bombay. The steamship fare will also be a fixed sum, which has been settled for the current season by the Government of India on the representation of Mr. F. H. Cook and the advice of the Government of Bombay as follows:—

			Rs.
Single tickets from Bombay to Jeddah, 1st class	...	...	60
Ditto ditto 2nd "	...	...	40
Ditto ditto 3rd "	...	...	30
Return tickets from Bombay to Jeddah and back, 1st class	...	...	90
Ditto ditto 2nd "	...	...	60
Ditto ditto 3rd "	...	...	45

Tickets, which will include the railway and steamer fares either to Jeddah or to Jeddah and back, and passports [which can be *viséd* by Messrs. Cook & Son at Bombay] will be kept for sale at the office of the Collector or Deputy Commissioner of every district in India, who will be supplied by the firm through the Local Governments and Administrations with a requisite supply of tickets and passports for issue. A register will be kept up in the office of issue in the form appended to this Resolution in order to facilitate the refund of the cost of tickets in cases in which they are not availed of. A copy of the



entries in the first three columns of this register will be sent monthly by each district officer to Messrs. Thomas Cook & Son at Bombay, and the amount realized by the sale of tickets, which may in the meantime be deposited in the Treasury, will at the same time be remitted to Messrs. Thomas Cook & Son by means of a transfer receipt issued at par.

3. It has been arranged with Messrs. Thomas Cook & Son that the cost of tickets shall be refunded to the purchasers, or in case of their death to their heirs, should the holders of them be unable to start on the pilgrimage owing to illness or any other cause. Should a pilgrim die on the pilgrimage while under the charge of Messrs. Cook & Son's agents, the unused portion of the steamer ticket held by him will be recovered by such agents, and its value refunded by the firm through the Treasury and the District Officer to the pilgrim's heirs. If a pilgrim does not wish to return to India, he may, by delivering the unused portion of his steamer ticket to Messrs. Cook & Son's agent at Jeddah, obtain a refund of the price of such unused portion. The question of refunding the value of the unused portion of tickets for the railway journey is still under discussion; but Messrs. Thomas Cook & Son hope to be able to establish a system by which refunds of the price of unused railway tickets may, in the circumstances alluded to above, be also introduced.

4. Messrs. Cook & Son have engaged to send a Muhammadan employé of the firm on each steamer to see that the pilgrims are properly taken care of; and a Muhammadan doctor will accompany each steamer. The firm will be prepared to send at ten days' notice from any district a Muhammadan to accompany any party of pilgrims to Bombay, provided that the party consists of at least 30 persons. Arrangements have been made to enable pilgrims to deposit cash at a small charge at Messrs. Cook & Son's agency at Bombay, and to draw it at the firm's agency at Jeddah; and it is in contemplation to make provision whereby pilgrims will be able with full regard to religious customs to purchase food on board steamer at moderate rates.

5. Messrs. Thomas Cook & Son have agreed to submit their accounts for audit during the years for which Government has granted to them a guarantee against actual loss in the execution of these arrangements up to £2,000 for the first year and £1,000 for each of the two following years. It has been arranged that the audit of accounts shall be undertaken in the office of the Accountant-General, Bombay; and the Government of Bombay is requested to issue the necessary instructions to that officer, who may, if necessary, decide under its instructions, in what form the accounts of the firm should be kept. The result of the audit will be communicated through the Government of Bombay to the Government of India.

6. Messrs. Cook & Son have prepared a prospectus which has been approved by the Government of India regarding the arrangements which are summarised above. Copies of this prospectus are herewith forwarded in order that they may be circulated as widely as possible. Local Governments and Administrations are requested to notify to this office, with as little delay as practicable, the number of additional copies that may be required.

7. The Governor-General in Council now leaves it to the Local Governments and Administrations to issue the subsidiary orders necessary to ensure that every facility is afforded to pilgrims who wish to provide themselves with tickets and passports. He also desires that district officers should be instructed to give the widest possible publicity to the advantages which will be secured by the purchase of return tickets. In fine, no effort should be spared to make known and explain the objects which His Excellency in Council has in view, and to facilitate the issue of tickets and passports in order that a full and fair trial may be given to the scheme as now made public.

ORDER.—Ordered that a copy of this Resolution be forwarded to all Local Governments and Administrations, and to the Foreign and Financial Departments, for information and guidance, and for the issue of such subsidiary orders as may be necessary.

Ordered also that a copy of this Resolution be published in the Supplement to the *Gazette of India*.

[True Extract.]

A. P. MACDONNELL,

Secretary to the Government of India.





THE Government of India being desirous of taking measures to alleviate the hardships and reduce the mortality during the pilgrimage to Mecca of its own Muhammadan subjects, and of those of neighbouring countries who pass through India, has experimentally, and on certain terms and subject to certain conditions, accepted the services of the firm of Messrs. Thomas Cook & Son as agents to secure the safety and comfort of pilgrims on the land journey and voyage.

It is to be clearly understood that pilgrims can make arrangements for the pilgrimage to Mecca in any manner that they please; those who employ the services of Messrs. T. Cook & Son will enjoy the advantages set forth in the following notification prepared by that firm, which is published for the information of all concerned:—

1. Tickets will be kept and sold at the office of the Collector or Deputy Commissioner of every district.
2. The price of these tickets will include railway and steamer fares of pilgrims from the place of departure to Jeddah.
3. The full fare will be charged on single tickets to Jeddah; but upon return tickets which are purchased before starting, a reduction of one-fourth of the double fare between Bombay and Jeddah will be allowed. There will be no reduction on the railway fares.
4. By taking return tickets beforehand, pilgrims will not only save money, but will have to carry less cash with them, thus avoiding danger of loss on the journey.
5. Each purchaser will receive a railway ticket to Bombay, a steamer tickets from Bombay to Jeddah, and a landing ticket for the small boats at Jeddah; and each of these tickets will be collected at each of these places separately by or under supervision of the agents of the firm.
6. Intending purchasers of tickets are recommended to apply for them about a month beforehand. No risk is run by purchasing tickets, beforehand, as the cost of them will be refunded to the purchaser, or in case of his death to his heirs, if from illness or any other reason the holder is unable to start.
7. Should a pilgrim die on pilgrimage while under the charge of Messrs. Cook & Son's agents, the unused portion of the steamer ticket held by him will be recovered by such agents, and its value refunded by the firm through the district officer to the pilgrim's heirs. If a pilgrim does not wish to return to India, he may, by delivering the unused portion of his steamer ticket to Messrs. Cook & Son's agents at Jeddah, obtain a refund of the price of such unused portion.
8. The return ticket for one year's *haj* is available for a second year if pilgrims prefer to return after the second year's *haj*.
9. Arrangements for female attendants and for the privacy of *purdah-nashin* women on the steamers will be made as far as practicable.
10. Dates of departure of pilgrim steamers will be fixed and notified beforehand at the office of the Collector or Deputy Commissioner of the district, to save needless delay and expenditure to pilgrims at Bombay.
11. Seaworthy and properly found and equipped steamers will be employed with a view of ensuring the safety and comfort of the pilgrims.
12. The pilgrims will be allotted sufficient space to enable them to sleep and sit with comfort.
13. A Muhammadan employé of the firm will accompany each steamer to see that the pilgrims are properly taken care of and are not subjected to unnecessary hardships.
14. The firm will have agents at Jeddah and at Bombay to render every assistance possible to pilgrims.
15. Pilgrims will be at liberty to deposit cash at Messrs. Cook & Son's agency at Bombay, and draw it at the firm's agency at Jeddah at a small charge.

16. Pilgrims will also be able to deposit with Messrs Cook & Son's agency at Jeddah cash or valuables until their return from Mecca on payment of a small charge.
17. A Muhammadan doctor (*hakim*), with medicines, will accompany each steamer.
18. Any alterations that may be made in the rate of fares for tickets will be ascertainable at the office of the Collector or Deputy Commissioner of the district.
19. By these arrangements pilgrims will escape the extortions which have been frequently practised on them in Bombay.
20. The firm will be prepared to send at ten days' notice from any district a Muhammadan to accompany any party of pilgrims to Bombay, provided that the party consists of at least 30 persons.
21. Hitherto passports issued by district officers had to be *viséd* at Bombay by the Commissioner of Police, whose office is at some distance from the place where pilgrims reside in Bombay. Under present arrangements passports issued at the office of the Collector or Deputy Commissioner of the district simultaneously with the tickets can be *viséd* at the office of Messrs. T. Cook & Son, which is close to the pilgrims' resting place. Passports issued by Messrs. T. Cook & Son can be obtained either at the office of the Collector or Deputy Commissioner of the district where the ticket is purchased, or at the office of the firm in Bombay.
22. The price of single tickets for the present season is as follows; but this is subject to revision in future seasons:—

					Rs.
1st class	...	...	...	...	60
2nd "	...	...	...	...	40
3rd "	...	...	...	...	30

The above includes the steamer fare alone from Bombay to Jeddah. Railway fares and landing charges are not included in it.

23. The price of return tickets from Bombay to Jeddah and back is as follows:—

					Rs.
1st class	...	...	...	...	90
2nd "	...	...	...	...	60
3rd "	...	...	...	...	45

24. Arrangements for supplies of food and for cooking on the steamers are receiving the attention of the firm.
25. There will be no interference with the religious or social observances of the pilgrims. All persons employed in this part of the business of the firm will be Muhammadans of respectable character, and the wishes of the majority of the Muhammadans will, as far as possible, be carried out when practicable.
26. Tickets will be obtainable for the present year's *haj* at the office of the Collector or Deputy Commissioner of each district on or after this date.
27. The firm have appointed a Muhammadan Superintendent, who will travel constantly amongst the Muhammadan committees and explain all details connected with the arrangements, and will visit the various Mecca committees formed by the Muhammadan Gentlemen at each centre after the meetings held all over India by Messrs. F. H. Cook, R. F. Saunders, and Salamoolah Khan during the past cold weather.

## Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 14th May 1887.

No.	District and date of return.	Rainfall at Sudder station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
<b>BENGAL.</b>			
<i>Western Districts.</i>			
BURDWAN DIV.	1 Burdwan, May 14, '87	0.73	Weather—moist and hot. Prospects good. Rice cheap. Public health good.
	Culina	Nil	
	Cutwa	0.95	
	Raniganj	0.42	
	2 Bankoora, " 14 "	0.08	Weather—sultry and occasionally cloudy. <i>Til</i> and <i>karpas</i> (cotton) doing well. Transplanting of sugarcane still continues. Rain very much wanted. Public health good. Prices steady.
	Bishenpur	0.24	
	3 Beerbhoom, " 14 "	1.39	Weather—unusually cool for this season of the year. Spring ploughings nearly over. Prospects generally very favourable. Public health indifferent; fever prevalent, and a severe outbreak of cholera at Muraroi and Rampore Haut.
	Rampore Haut	2.16	
	4 Midnapore, " 14 "	0.80	Weather—close. Prospects of crops good.
	5 Hooghly, " 14 "	0.09	Weather—very hot. Ploughing going on. More rain wanted. Public health good.
PRESIDENCY DIV.	Serampur	0.32	
	Jehanabad	0.03	
	Howrah, " 16 "	4.05	Weather—hot and sultry with showers. <i>Boro</i> is being reaped and sugarcane planted. Lands are being prepared for paddy crop.
	Oolooberia	1.73	
	<i>Central Districts.</i>		
	6 24-Pargahs, May 17 '87	1.46	Weather—growing warmer daily. Sugarcane doing well. Ploughing in progress. Public health fair.
	7 Nudda, " 14 "	0.16	Weather—very sultry. Rain beneficial. Ploughing and sowing of <i>aus</i> crop in progress. Indigo doing well. Public health good.
	Kushtia	0.89	
	Meherpore	0.97	
	Chuadanga	0.75	
	Ranaghat	0.84	
	8 Khoolna, " 14 "	3.93	Weather—variable; cloudy with some rain; south wind. Ploughing continues, and prospects favourable. Public health good.
	9 Jessore, " 14 "	4.77	Weather—hot. Sowings of <i>aus</i> continue. <i>Boro</i> being harvested with good outturn. Cholera abating.
RAJSHAHY DIV.	Jhenidah	0.81	
	Magurah	1.39	
	Narail	1.86	
	Bongong	0.2	
	10 Moorshedabad, " 14 "	1.13	Weather—hot. <i>Aus</i> paddy largely sown. Harvesting of <i>boro</i> still going on. Indigo thriving well. Public health good.
	Lalbagh	1.28	
	Kandi	1.50	
	Jungipore	0.55	
	11 Dinagepore, May 14, '87	0.38	Weather—getting hotter. Slight general rain. About half of <i>bhadoi</i> and jute crops sown. Some cholera. Rice 25 seers per rupee.
	12 Rajshahy, " 14 "	Nil	Weather—hot. Rain has done good in Nowgong, but more urgently wanted there and also in rest of district. A few sporadic cases of cholera reported.
RAJSHAHY DIV.	Nowgong	1.23	
	13 Dinagepore, " 7 "	1.10	
	Gaibanda	2.45	
	Nilphamari	1.29	
	Kurigram	5.73	
	14 Bogra, " 14 "	0.03	Weather—very warm and occasionally cloudy. Rain wanted for sowing. Public health fair with the exception of a few cases of cholera.
	Sherpur	0.20	
	15 Pabna, " 14 "	0.55	Weather—hot. Crops coming on well. More rain wanted. Cholera still reported.
	Sorajunge	2.68	
	16 Barjema, " 14 "	1.27	Weather—dull and rainy. State and prospects of crops good.
DACA DIVISION.	17 Julpigore, " 14 "	2.77	Weather—cool and cloudy with intervals of hot sun. Rather exceptional weather for May, frequent rain. Early rice cultivation has benefited by early rain, but jute has suffered much and is very backward, the earlier sowings being mostly lost. Other crops are well spoken of. Public health indifferent; a great deal of cholera and fever prevail.
	<i>Eastern Districts.</i>		
	18 Dacca, May 14, '87	4.65	Weather—first part of the week fine; latter part cloudy and rainy. Harvesting of <i>boro</i> nearly finished. <i>Amun</i> and <i>aus</i> paddy and jute being sown. Recent rain has done much good. Public health good.
	Manickgunge	2.98	
	Munsingunge	4.20	
	Narsingunge	2.8	
	19 Furrudpore, " 14 "	4.08	Weather—hot; rainy during early part of the week. Sowing of paddy and jute in progress. Late rain has done much good. Public health fair.
	Goalundo	2.35	
	Madaripore	1.77	
	20 Backergunge, " 12 "	5.24	Weather—seasonable. Prospect of crops good. General health improving; cholera reported from some stations.
CHITTAGONG DIV.	21 Mymensingh, " 13 "	3.43	Heavy rain on 9th, 10th and 12th. Weather close. Harvesting of <i>boro</i> rice nearly completed. Prospects good.
	Jamalpur	0.15	
	Kishoregange	0.33	
	22 Chittagong, May 17, '87	3.14	Weather—hot. Prospects of crops fair. Prices steady. Cholera continues.
	23 Noakhali, " 13 "	6.70	Weather—generally cloudy and cool for this time of the year on account of heavy showers. Rain has improved prospects of crops. Public health fair.
	Fenny	3.81	
	24 Tipperah, " 12 "	3.10	Sufficient rain has fallen. <i>Boro</i> rice has been almost entirely reaped. <i>Aus</i> and jute crops promise well. Cholera is sporadic almost throughout the district.
	Brahmanbariah	1.08	
	Chaudpur	3.10	Small-pox still lingers in Hazigunge.
	Chittagong Hill Tracts, " 10 "	2.13	Weather—excessively hot during first five days of the week, last two days cloudy and rainy. Sowing in <i>jooms</i> has commenced in some parts.
CHITTAGONG DIV.	25 Hill Tipperah, " 11 "	3.02	Weather—rainy. Sugarcane is still being transplanted and <i>satya</i> paddy sown. Chillies doing well. Public health good.



No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
<b>BEHAR.</b>			
PATNA DIVN.	26 Patna, May 14, '87	Nil	Weather—hot with strong east wind. Threshing of <i>rubbee</i> still continues. Sugarcane doing well. Cholera reported from Barh and Behar sub-divisions; otherwise public health good.
	27 Gya " 14 "	Nil	The only crops in the fields are sugarcane and <i>cheena</i> which are doing well. Cholera reported from all parts of the district except Arwal and Daudnagar thanas and Nowada sub-division. Fever reported from all the thanas of Nowada and small-pox from Gya, Antri, Nabinagar and Rajauli.
	28 Shahabad, " 14 "	Nil	Weather—abnormal; continued easterly wind. Prospects of sugarcane promising. Cholera reported from the interior; public health otherwise fair. Prices stationary.
	29 Darbhanga " 14 "	1.65	Weather—hot with east wind. Early rice, <i>moong</i> and indigo greatly benefited by rain. Fields are being prepared for <i>bhadoi</i> sowings. Price of rice averages 22 seers per rupee. Cholera abating.
	30 Mozufferpore, " 14 "	Nil	Weather—hot with east wind; occasionally cloudy. Prospects of crops continue promising. Rice, <i>moong</i> , <i>cheena</i> , and <i>makai</i> coming up well. Sporadic cholera and small-pox prevail.
	Hajipur " " "	0.35	
	Sitamarhi " " "	Nil	Weather—easterly wind. <i>Rubbee</i> completely harvested; 12 annas outturn expected. Sporadic cases of cholera reported from Sudder sub-division. Small-pox prevailing.
BAGULPUR DIVN.	31 Saran, " 14 "	0.13	
	Gopalgunge " " "	0.07	
	32 Chumraon, " 14 "	0.35	Weather—hot, but occasionally cool; east wind prevailing. Early rice, <i>moong</i> and <i>cheena</i> doing well. Sowing of <i>bhadoi</i> and <i>aghani</i> in progress in Bettiah sub-division. Weighment of opium nearly finished. Prices still stationary. Cholera very prevalent in every part of the district.
	Bettiah " " "		
	33 Monghyr, May 14, "	1.31	Weather—hot and sultry. No crops on the ground. Lands are being prepared for <i>bhadoi</i> crop. Cholera prevailing in places in the Sudder, Begosera and Jamui sub-divisions. Cases of small-pox reported from Begosera.
	Begosera " " "	0.17	
	34 Bagulpoore, " 14 "	1.15	East wind prevailing. In Sudder sub-division <i>bhadoi</i> sowings have begun.
	Banka " " "	0.52	Rain wanted in north. Sugarcane doing well. Cholera spreading slightly.
	35 Purneah, " 14 "	0.11	Weather—rather warm; cloudy. Crops doing well, but rain would do them good.
	Kishengunge " " "	1.03	
ORISSA.	Arrareah " " "	0.27	
	36 Malda, " 14 "	1.21	Weather—hot with easterly winds; occasionally cloudy. <i>Boro</i> is being harvested with good outturn. <i>Bhadoi</i> crops thriving. Price of common rice stationary, i.e. 24 seers per rupee. Public health good.
	Chanchal " " "	0.16	
	Shibgunge " " "	0.70	
	Gazole " " "	0.17	
	37 Sonthal Pargana, " 1 "	0.59	Weather—unusually cool. Easterly winds and storms. No rain in north and north-west. Ploughing goes on vigorously. Indigo and sugarcane had benefit from rain. Public health good.
	Deoghur " " "	1.1	
CHOTA NAGPORE.	Rajmahal " " "	0.16	
	Godda " " "	0.74	
	Pakour " " "	1.03	
<b>ORISSA.</b>			
ORISSA DIVN.	38 Cuttack, May 13, '87	0.20	Weather—very hot, but cloudy. Ploughing in progress. A heavy shower of rain in the interior has facilitated ploughing. Sowing of rice commenced in some places. Common rice sells at 17½ to 18 seers per rupee in town and 22 to 25 seers in the interior. Public health generally good.
	39 Poonre, " 12 "	Nil	Weather—hot. Land is being manured. <i>Dalua</i> crop is being harvested. Common rice 25 seers 6 chittacks per rupee in Sudder sub-division and 22 seers 15 chittacks in Khoorda sub-division. Cholera and small-pox reported from the mofussil.
	Khoorda " " "	1.25	
CHOTA NAGPORE.	40 Balasore, " 13 "	0.77	Weather—hot. More or less rain throughout the district. Ploughing going on vigorously. Cholera prevails in different parts of the district. Public health otherwise good.
<b>CHOTA NAGPORE.</b>			
<i>South-West Frontier Agency.</i>			
CHOTA NAGPORE.	41 Hazaribagh, May 13, '87	Nil	Weather—seasonable. Sugarcane doing well. No other crops to report about. Land is being prepared for sowing rice. Prices steady. General health good.
	42 Lohardugga, " 14 "	0.06	Slight rain during the week. Weather getting very hot. No crop in the ground to report on. Prices as before. Cases of small-pox and cholera reported.
	43 Singbnoom, " 13 "	0.25	Weather—hot and oppressive; cloudy; occasional storms. Ploughing has commenced. <i>Boro</i> and <i>teo dhan</i> ripening. Some cases of cholera at Kalikapore; otherwise public health good.
	44 Singbnoom, " 14 "	0.09	Weather—hot and cloudy. A violent storm on 12th. Sugarcane and cotton doing well. Prospects of indigo good. Rice selling cheap. Public health good. The late showers have checked cholera.
CHOTA NAGPORE.	Govindpore " " "	0.07	

Published for general information.

CALCUTTA, REVENUE DEPT.;  
The 17th May 1887.P. NOLAN,  
Secy. to the Govt. of Bengal.

## Results of the Meteorological Observations taken at the Alipore Observatory from 8th to 14th May 1887.

Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32 Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
				Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1887.	O		Inches.	O	O		O	O	Inches.	O	%			Inches.	
May 8th	153.8	11.4	29.682	86.2	95.0	17.2	77.8	80.2	0.951	77.7	77	S and SSE	173	Nil	Partially cloudy, o, d.
" 9th	149.9	2.1	.639	82.3	89.6	9.9	79.7	78.4	.928	77.0	84	E and variable	158	0.50	Cloudy, o, g, t, d, p.
" 10th	151.5	4.4	.633	81.0	91.1	14.9	76.2	77.7	.906	76.2	86	SE and ESE	126	0.06	Cloudy, o, g, t, d, p.
" 11th	152.5	7.6	.629	82.9	89.1	11.9	77.2	78.8	.932	77.1	83	E, ENE and SE	115	Nil	Chiefly cloudy, o.
" 12th	148.9	4.1	.598	82.0	92.3	13.1	79.2	77.9	.907	76.3	83	E and variable	111	1.26	Cloudy, o, g, p, /, t, <.
" 13th	150.7	1.6	.532	82.5	90.7	18.7	72.0	78.4	.924	76.8	83	WNW and SSW	171	Nil	Chiefly cloudy, o.
" 14th	151.3	8.2	.529	87.5	95.1	14.1	81.0	82.5	1.036	80.3	80	S, SSW and SSE	207	"	Chiefly clear.

The mean pressure of the seven days ... 29.606  
 The average pressure of the corresponding period for 24 years, S. G.'s Office ... 29.678

The total number of hours of bright sunshine ... 39.4  
 The maximum possible number of hours of sunshine ... 91.7

The mean temperature of the seven days ... 83.5  
 The average temperature of the corresponding period for 24 years, S. G.'s Office ... 85.8  
 The extreme variation of temperature ... 23.1  
 The maximum temperature ... 95.1

The highest velocity of the wind in one hour ... 16  
 The highest pressure of wind on one square foot ... 10

The mean relative humidity ... 82  
 The average relative humidity of the corresponding period for 24 years, S. G.'s Office ... 73

The total fall of rain from 8th to 14th May 1887 ... 1.82  
 The average fall of the corresponding period for 24 years, S. G.'s Office ... 1.00  
 The total fall from 1st January to 14th May 1887 ... 8.64  
 The average fall of the corresponding period for 24 years, S. G.'s Office ... 6.68

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph. The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The month of the rain-gauge is one foot above the ground.

o overcast, g gloomy, t thunder, < lightning, d drizzling rain, p passing temporary showers, / strong wind, Δ dew.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;  
 Calcutta, the 16th May 1887.

## Meteorological Report of the Province of B

METEOROLOGICAL DIVISION.			STATION OBSERVATIONS.													
			AIR PRESSURE.			WIND.		TEMPERATURE.								
			Mean barometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	
ORISSA.	Pooree	Gopalpore	29.644	29.694	-.109	SSW	240	88.7	11th May	80.8	7, 9, 10th May.	87.2	81.9	84.6	+1.8	
		False Point*	29.697	29.715	-.062	Southerly	344	90.0	9th, 12th May	79.7	11th "	89.3	80.8	85.1	+0.7	
	Cuttack	Cuttack	29.667	29.687	-.077	South-westerly.	82	103.9	11th "	79.4	7th "	90.2	81.0	90.1	+0.7	
	Balasore	Balasore	29.622	29.680	-.117	S	132.2	94.0	11th "	71.8	13th "	90.6	78.6	84.6	+1.9	
	South-West Midnapore	Saugor Island	29.696	29.722	-.042	SSW	281	94.2	12th "	75.0	13th "	91.8	81.3	86.6	+1.3	
SOUTH-WEST BENGAL.	South 24-Pergunnahs	Midnapore	29.540	29.689	-.096	S	109.7	101.3	9th "	76.8	7th "	97.4	78.4	87.9	+4.0	
	24-Pergunnahs	Calcutta	29.686	29.707	-.084	SW	134	95.0	9th "	72.2	13th "	92.6	76.8	84.2	+0.9	
	Howrah	Burdwan	29.663	29.703	-.065	S	99	98.2	9th "	74.4	13th "	93.8	76.9	85.4	-0.7	
	Hooghly	Bankoora	29.374	-	-	Easterly	32.1	101.1	9th "	75.1	13th "	96.1	77.9	87.0	-	
	Beerbhoom	Raneegunge	29.361	-	-.059	Variable	120.7	102.5	9th "	74.9	13th "	95.8	77.1	83.5	+1.7	
	West Burdwan	Berhampore	29.649	29.716	-.037	E	100.3	98.7	9th "	69.2	9th "	92.6	75.2	83.9	-2.1	
	Moorsheadabad	Krishnaghur	29.669	-	-	ESE	118.9	95.8	9th "	72.8	9th "	91.5	75.4	83.5	-	
	Nuddea	Jessore	29.702	29.735	-.040	South-westerly.	97.7	95.8	9th "	74.4	10th "	90.8	75.8	83.3	-1.4	
	Khoolna	Chittagong	29.687	29.777	-.055	SSE	93	96.2	7th "	72.5	12th "	86.5	74.9	80.7	-0.4	
	Chittagong Hill Tracts	Demagiri	-	-	-	Observations not received.										
EAST BENGAL.	Backergunge	Barrisal	29.720	29.732	-.068	S	96.4	92.3	9th May	70.9	9th "	86.9	76.2	81.1	+0.5	
	Noakholly	Noakholly	29.666	29.710	-	Calm	26.4	89.5	8th "	69.3	12th "	86.1	73.7	79.9	-	
	Furreedpore	Furreedpore	29.701	-	-.066	E	109	90.0	8th "	71.3	10th "	85.4	74.3	79.9	+0.1	
	Dacca	Dacca	29.716	29.739	-.042	South-easterly.	130	95.6	9th, 10th, 12th May.	74.1	9, 10, 12th May.	88.2	75.8	82.1	-0.5	
	Tipperah	Commillah	29.731	29.767	-.041	SE	97.2	95.3	7th, 9th May	68.8	10th "	89.2	73.3	81.3	+0.2	
	Mymensingh	Mymensingh	29.706	-	-.047	Calm	94.4	92.3	8th, 9th May	70.1	7, 9, & 12th May.	88.8	72.7	80.7	+3.0	
	Bogra	Bogra	29.647	29.710	-	ESE	120.2	98.3	8th, 9th May	73.8	9th "	93.3	70.5	84.9	-	
	Pubna	Serajunge	29.685	29.732	-.073	E	101.9	96.1	9th "	71.7	9th "	88.2	74.5	81.4	+1.8	
	Rajshahye	Rampore Beau-leah.	29.665	29.734	-.039	SE	75.0	99.4	9th May.	71.7	9th "	94.3	73.8	84.1	+0.9	
	Maldah	Maldah*	29.551	-	-	SE	68.5	100.2	10th "	73.6	9th "	98.9	75.9	87.4	-	
NORTH BENGAL.	Dinapore	Dinapore	29.597	29.716	-.109	SSE	94.1	99.1	8th "	74.6	9th, 11th May.	94.9	75.7	85.3	+5.6	
	Rungpore	Rungpore	29.618	29.742	-.081	Calm, E	62.1	95.8	7th "	73.2	10th "	91.3	74.6	83.0	+2.3	
	Julpigoree	Julpigoree	29.465	29.752	-.064	Easterly	106.4	92.0	7th "	70.8	13th "	89.0	73.9	81.5	+4.9	
	Cooch Behar	Darjeeling Hill Districts	22.937	-	-.064	Calm	110.1	65.1	7th "	52.6	9th "	62.0	53.5	57.8	+4.8	
	Purneah	Purneah	29.591	29.716	-.080	ESE	17.6	102.3	9th "	74.6	9th, 10th "	97.5	78.5	88.5	+6.5	
	North Bhagulpore	Mozufferpore	-	-	-	Observations suspended.										
	Mozufferpore	Durbhunga	29.530	29.696	-.072	ESE	182	99.2	8th May	74.5	13th "	96.9	78.5	87.7	+3.8	
	Durbhunga	Motihari	29.457	29.682	-.086	ESE	190.5	100.8	8th "	76.4	13th "	96.2	78.6	87.4	+6.3	
	Chumpran	Chupra	29.460	-	-.064	E	150.2	105.5	9th "	77.1	7th, 9th "	100.6	79.0	89.9	+5.8	
	Sarun	Dehree	29.275	29.618	-.139	Variable	211.1	104.5	9th "	79.0	7th "	100.6	80.8	90.7	+6.6	
SOUTH BENGAL.	Shahabad	Buxar	29.364	29.631	-.122	E, ENE	233.5	105.4	8th "	79.2	9th "	102.1	81.4	91.8	+7.2	
		Arrah	29.440	29.633	-.122	E	165.7	105.4	8th "	77.6	7th, 9th "	101.3	80.4	90.9	+5.5	
	Gya	Gya	29.278	29.646	-.075	Variable	89	107.6	9th "	80.8	9th, 10th May.	104.3	82.7	93.5	+5.3	
	Patna	Bankipore	29.475	29.656	-.076	ENE*	182	101.6	9th, 10th May.	76.7	9th, 13th May.	98.4	78.7	88.0	+1.9	
	South Bhagulpore	Bhagulpore	29.517	29.678	-.099	E	80.1	98.4	7th, 8th May	74.5	9th "	94.3	77.4	85.8	+5.5	
	Monghyr	Doomka	29.189	-	-	SE	25.1	100.2	9th "	71.8	13th "	93.9	76.2	85.1	-	
	Sonthal Pergunnahs	Hazaribagh	27.685	29.636	-.077	SW	254	103.0	9th "	72.6	9th "	98.0	75.3	86.7	+1.8	
	Hazaribagh	Ranchee	27.671	29.637	-.115	SW	143.5	103.0	13th "	70.4	9th "	98.5	74.3	86.4	+4.9	
	Lohardugga	Chyebassa	25.902	-	-	Southerly	52.7	100.5	9th "	76.7	9th "	100.9	79.0	90.0	-	
	Manbhoom	Sibsagar	29.439	29.772	-.078	Variable	51	92.6	8th "	71.0	11th "	90.8	74.1	82.5	+5.9	
CHUTIA NAGPUR.	Singbhoom	Dhubri	29.636	29.754	-.068	Variable	156	97.8	7th "	74.3	11th "	89.2	75.7	82.5	+6.2	
	Assam	Silchar	29.672	29.777	-.076	Calm	51	93.5	7th "	72.3	12th "	100.2	74.6	82.4	+4.0	

\* Means for six days. † Means for five days.  
 The humidity of the atmosphere is expressed as percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The are the numerical means or average of the rainfall in that district determined from the returns sent in by the sub-divisional stations for the period in question during the station in the district sending in returns divided by the number of stations. A rainy day is one on which at least hundredth of an inch fell.



the week ending Friday, the 13th May 1887.

DISTRICT OBSERVATIONS.														Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
RAINFALL.																
Of week.		Since 1st of month.			Since 15th May 1886.			Average number of rainy days.	Normal number of rainy days.							
Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.									
19	Nil	—	—	—	—	—	—	—	—	Gopalpore ...	Pooree ...	ORISSA.				
70	Nil	Nil	0.92	1.10	1.24	-0.14	63.25	60.07	+3.18	0.0	1.6		False Point ...	...		
50	0.15	0.43	1.12	1.16	1.46	-0.30	67.55	56.33	+11.22	1.6	2.0		Cuttack ...	Cuttack ...		
0.9	0.27	0.90	1.41	1.90	2.21	-0.31	63.34	60.07	+43.27	2.3	2.3	Balasore ...	Balasore ...	SOUTH-WEST BENGAL.		
7.9	0.93	0.62	1.45	0.88	2.51	-1.63	56.50	70.69	13.59	2.3	2.2	Saugor Island ...	South-West Midnapore ...			
3.1	0.75	1.05	1.70	2.04	3.02	-0.28	52.63	59.44	-6.81	2.7	2.2	Midnapore ...	South 24-Pergunnahs ...			
7.3	1.82	1.76	1.55	3.42	2.87	+0.55	65.49	59.46	+6.03	3.2	2.3	Calcutta ...	24-Pergunnahs ...	SOUTH-WEST BENGAL.		
6.7	0.92	0.65	1.50	2.06	2.54	-0.48	60.68	53.53	+7.15	2.3	2.0	Burdwan ...	Howrah ...			
5.1	0.08	0.34	1.23	1.41	1.93	-0.52	58.25	57.01	+1.24	1.3	2.0	Bankoora ...	Hooghly ...			
4.3	0.44	1.24	0.86	1.91	1.28	+0.63	72.63	55.83	+16.80	2.0	1.8	Raneegunge ...	Burdwan ...	SOUTH-WEST BENGAL.		
5.1	1.13	0.78	1.14	2.42	2.08	+0.34	67.21	54.64	+13.17	1.2	2.1	Berhampore ...	Beerbhoom ...			
6.7	0.16	0.72	1.40	2.66	2.75	-0.09	64.16	57.51	+6.65	1.8	2.2	Krishnagur ...	West Burdwan ...			
8.9	4.77	2.44	1.71	4.07	3.31	+0.76	68.20	63.60	+4.60	3.0	2.4	Jessore ...	Moorshedabad ...	SOUTH-WEST BENGAL.		
2.6	3.60	4.23	2.39	5.97	4.55	+1.42	139.55	123.98	+15.57	4.5	3.0	Chittagong ...	Nuddea ...			
7.1	5.41	5.17	1.78	6.42	3.44	+2.98	88.81	87.72	+1.09	3.5	3.2	Demagiri ...	Jessore ...			
6.0	6.83	5.26	2.75	6.64	5.26	+1.38	135.46	122.93	+12.53	3.5	3.0	Barrisal ...	Khoolna ...	SOUTH-WEST BENGAL.		
3.0	3.99	3.05	2.38	3.71	4.17	-0.46	70.27	67.69	+2.58	2.7	3.2	Noakholly ...	Chittagong Hill Tracts ...			
8.0	3.39	3.84	2.46	4.07	5.00	-0.93	87.17	71.88	+15.29	3.5	3.6	Furzedpore ...	Backergunge ...			
7.3	4.25	1.45	2.97	5.98	5.61	+0.37	92.08	88.19	+3.89	3.3	3.6	Dacca ...	Noakholly ...	SOUTH-WEST BENGAL.		
7.6	3.34	1.58	2.63	2.40	4.83	-2.43	77.52	78.94	-1.42	2.0	3.5	Commillah ...	Furzedpore ...			
6.4	0.02	0.06	1.84	0.37	3.28	-2.91	71.14	63.10	+8.04	0.5	2.7	Mymensingh ...	Dacca ...			
6.7	1.74	1.62	1.62	0.97	3.12	-2.15	68.71	61.90	+6.81	2.5	2.7	Bogra ...	Tipperah ...	SOUTH-WEST BENGAL.		
2.3	0.25	0.13	1.64	0.60	2.83	-2.23	64.13	60.14	+3.99	0.5	2.2	Serajgunge ...	Mymensingh ...			
2.5	1.21	0.69	1.02	9.78	1.72	-0.94	65.54	57.56	+8.00	1.0	2.0	Rampore Beaulah ...	Bogra ...			
5.6	Nil	0.63	1.21	1.13	2.11	-0.98	77.48	67.90	+10.58	0.8	2.3	Maldah ...	Pubna ...	SOUTH-WEST BENGAL.		
6.7	1.96	0.79	1.86	2.01	3.69	-1.68	84.61	82.07	+2.54	0.8	3.0	Dinapore ...	Rajshahye ...			
4.4	5.69	1.81	1.94	3.30	4.35	-1.05	121.96	121.11	+0.85	3.4	3.5	Rungpore ...	Maldah ...			
8.7	1.27	2.90	2.12	3.41	4.10	0.69	153.54	128.29	+25.25	2.5	3.8	Julpigoree ...	Dinapore ...	SOUTH-WEST BENGAL.		
4.1	0.11	0.35	1.06	1.03	1.91	-0.88	83.03	60.72	+22.31	1.4	1.6	Cooch Behar ...	Rungpore ...			
6.0	0.12	0.85	0.29	1.09	-0.80	62.82	44.75	+18.07	0.3	1.2	Darjeeling ...	Julpigoree ...				
4.9	0.67	0.21	0.65	0.34	1.25	-0.91	63.31	48.28	+15.03	2.0	1.4	Darjeeling Hill Districts ...	Cooch Behar ...	SOUTH-WEST BENGAL.		
1.4	Nil	0.04	0.51	0.21	1.04	-0.83	63.85	43.47	+20.38	0.3	1.2	Purneah ...	Darjeeling Hill Districts ...			
0.6	Nil	—	—	—	—	—	—	—	—	—	—	Purneah ...	Purneah ...			
1.1	Nil	Nil	0.33	0.01	0.48	-0.47	57.61	40.88	+16.73	0.0	0.9	North Bhagulpore ...	North Bhagulpore ...	SOUTH-WEST BENGAL.		
1.6	Nil	—	—	—	—	—	—	—	—	—	—	Mozufferpore ...	Mozufferpore ...			
1.3	Nil	Nil	0.24	0.04	0.39	-0.35	67.22	41.63	+25.59	0.0	0.8	Durbhunga ...	Durbhunga ...			
5.3	Nil	0.01	0.43	0.05	0.66	-0.61	62.54	41.95	+20.59	0.2	1.0	Motihari ...	Chumparun ...	SOUTH-WEST BENGAL.		
2.6	1.15	1.02	0.43	1.25	0.76	+0.49	64.06	44.20	+19.86	1.6	1.1	Chupra ...	Chumparun ...			
3.7	0.77	0.56	0.85	1.24	1.31	-0.07	75.95	51.98	+23.97	1.7	1.5	Dehree ...	Sarun ...			
1.0	Nil	Nil	0.73	0.30	1.14	-0.84	59.69	52.93	+6.76	0.0	1.6	Buxar ...	Shahabad ...	SOUTH-WEST BENGAL.		
3.4	0.95	0.04	0.64	0.70	0.88	-0.18	61.98	50.64	+11.34	6.5	1.6	Arrah ...	Shahabad ...			
1.1	0.23	0.25	0.89	2.05	1.49	+0.56	46.16	56.34	-10.18	3.9	2.3	Gya ...	Gya ...			
6.6	3.41	—	—	—	—	—	—	—	—	—	—	Bankipore ...	Patna ...	SOUTH-WEST BENGAL.		
6.6	1.86	—	—	—	—	—	—	—	—	—	—	Bankipore ...	Patna ...			
8	0.71	—	—	—	—	—	—	—	—	—	—	Bankipore ...	Patna ...			
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The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater.  
 The means of the district are the numerical averages of the rainfall return received in the district, i.e., from the total rainfall at the sub-divisions.



## Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 13th of May 1887.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 15th May 1886.	Average rainfall from May to date.
			Saturday, 7th May.	Sunday, 8th May.	Monday, 9th May.	Tuesday, 10th May.	Wednesday, 11th May.	Thursday, 12th May.	Friday, 13th May.	Number of rainy days.	Rainfall week.				
ORISSA	Pooree	Pooree	.....	.....	0'01	.....	.....	.....	.....	Nil	Nil	0'00	0'07	56'09	.....
		Khardah	.....	.....	.....	.....	.....	.....	.....	1	0'01	1'25	1'27	67'83	.....
		Banpur	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1'25	1'29	67'82	.....
		False Point	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1'00	1'43	61'03	.....
	Cuttack	Gop	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1'52	?	67'81	.....
		Pipli	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Jagatsingapore	.....	.....	0'57	.....	.....	.....	.....	1	0'57	2'11	1'50	72'27	.....
		Banki	.....	.....	.....	.....	0'03	0'02	.....	2	0'05	0'03	0'00	63'43	.....
	Balasore	Cuttack	.....	.....	0'20	.....	.....	.....	.....	1	0'20	1'38	1'35	77'41	.....
		Kendrapara	.....	.....	.....	0'31	.....	.....	.....	2	0'13	0'79	1'03	57'23	.....
		Jaipore	.....	.....	.....	.....	0'39	.....	.....	2	0'38	0'88	1'04	67'07	.....
		Dharmakalla	.....	.....	0'35	.....	.....	.....	0'05	2	1'00	1'30	?	66'46	.....
SOUTH-WEST BENGAL.	Midnapore	Salipore	.....	.....	0'16	.....	.....	.....	.....	.....	.....	.....	.....	.....	
		Chandballi	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2'00	.....	
		Bhuddruek	0'30	0'64	.....	0'06	.....	0'53	.....	4	1'63	2'57	1'87	66'36	.....
		Sorah	.....	0'15	.....	.....	.....	0'34	.....	2	0'49	2'43	1'94	63'19	.....
	24-Pergunnahs	Balasore	0'19	.....	.....	.....	.....	0'58	.....	2	0'77	2'24	2'17	65'47	.....
		Jelapore	.....	0'10	.....	.....	.....	0'50	.....	2	0'66	1'60	1'59	67'07	.....
		Baripaddah	.....	.....	0'40	.....	.....	.....	0'81	2	1'21	2'53	2'09	59'13	.....
		Baripaddah	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	Howrah	Contai	.....	.....	.....	0'20	.....	0'29	.....	3	0'42	0'56	2'34	45'49	.....
		Saugor Island	.....	.....	.....	0'15	0'15	.....	0'03	3	0'93	1'17	2'23	67'82	.....
		Tumlook	.....	.....	.....	0'40	.....	.....	0'70	2	1'10	1'50	2'67	49'79	.....
		Midnapore	.....	.....	.....	0'50	.....	0'21	.....	2	0'80	2'23	3'14	51'18	.....
Hooghly	Chittal	.....	.....	.....	0'07	0'15	0'09	0'04	4	1'25	2'04	3'35	57'01	.....	
	Deog	.....	.....	.....	.....	.....	.....	0'73	2	1'03	2'40	?	45'83	.....	
	Heria	.....	.....	.....	.....	.....	.....	.....	1	0'02	0'59	?	49'97	.....	
	Dharmapure	.....	.....	0'24	.....	.....	0'31	.....	2	0'55	0'55	?	45'00	.....	
BENGAL	Burdwan	Garbeta	.....	.....	0'17	.....	.....	.....	.....	1	0'17	0'59	?	54'39	.....
		Diamond Harbour	.....	.....	.....	.....	.....	.....	0'50	1	0'50	0'90	2'05	56'18	.....
		Canning Town	.....	.....	.....	0'08	1'22	.....	0'94	4	3'47	4'08	?	64'77	.....
		Alipore Jail	.....	.....	.....	0'45	0'11	.....	1'35	3	1'01	3'48	2'75	60'50	.....
	Bankura	Barrackpore	.....	.....	.....	.....	.....	0'25	1'38	4	1'02	4'40	2'84	63'48	.....
		Dum-Dum	.....	.....	.....	0'27	1'29	0'18	0'80	5	4'22	6'08	2'75	68'09	.....
		Barasat	.....	.....	.....	.....	.....	0'46	0'03	3	1'04	2'14	4'24	60'78	.....
		Buseerhat	.....	.....	.....	0'05	.....	0'30	.....	2	0'35	1'85	2'04	73'07	.....
	Hooghly	Howrah	.....	.....	0'38	1'61	0'45	0'15	1'46	5	4'05	5'67	2'53	61'45	.....
		Mohesra	.....	.....	0'42	0'83	.....	0'48	.....	3	1'73	2'02	3'44	60'41	.....
		(Ooluberiah)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
		Howrah	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Burdwan	Serampore	.....	.....	0'22	.....	0'10	1'42	0'09	4	1'83	3'26	2'72	68'31	.....	
	Hooghly	.....	.....	.....	.....	.....	.....	0'09	1	0'09	2'52	3'00	62'12	.....	
	Jehanabad	.....	.....	.....	.....	.....	0'47	.....	2	0'50	0'99	2'40	63'49	.....	
	Jehanabad	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
Bankura	Culna	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1'48	2'66	59'20	.....	
	Burdwan	.....	.....	0'24	0'08	0'06	0'09	0'45	5	0'02	2'44	2'58	65'86	.....	
	Cutwa	.....	.....	0'05	.....	.....	.....	.....	2	1'04	2'28	2'37	67'00	.....	
	Ranagunge	.....	0'42	.....	.....	.....	0'02	.....	2	0'44	1'68	1'07	70'24	.....	
Bankura	Manpur	.....	.....	0'30	.....	.....	0'24	.....	2	0'54	2'01	?	68'70	.....	
	Bankura	.....	.....	.....	.....	.....	0'08	.....	1	0'08	0'85	1'61	75'79	.....	
	Bishenpore	.....	.....	.....	.....	.....	0'24	.....	1	0'24	1'58	2'02	55'44	.....	
	Mahara	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1'54	1'62	61'53	.....	
Bankura	Khatra	.....	0'60	.....	0'06	.....	0'37	.....	3	1'03	1'08	1'55	59'04	.....	
	Indas	.....	.....	0'27	.....	.....	0'43	.....	2	0'70	3'20	?	55'00	.....	
	Kotalpore	.....	.....	0'37	.....	.....	.....	.....	1	0'37	1'15	?	47'98	.....	
	Anda	.....	.....	.....	.....	.....	0'10	.....	1	0'10	0'10	?	42'00	.....	
Bankura	Gangajalghati	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0'56	?	58'06	.....	
	Raipore	.....	.....	0'55	.....	.....	0'05	.....	2	0'60	2'60	?	62'01	.....	
	Sonamukhi	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	.....	
	Sonamukhi	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
Beerbhoom	Bh. Soory	.....	.....	1'13	.....	.....	0'26	.....	2	1'39	1'90	1'24	73'05	.....	
	Hetampore	.....	0'24	.....	.....	.....	0'36	.....	2	0'60	1'24	1'32	71'07	.....	
	Rampore Haul	.....	.....	2'12	.....	.....	0'40	.....	2	2'62	2'80	1'50	74'00	.....	
	Bolpore	.....	.....	0'56	.....	.....	0'46	.....	2	0'82	1'57	?	68'42	.....	
Nudda	Ranaghat	.....	.....	0'70	.....	0'11	.....	0'03	3	0'84	2'23	2'31	57'53	.....	
	Kishinaghat	.....	.....	0'16	.....	.....	.....	.....	1	0'16	3'61	2'78	59'13	.....	
	Choodanga	.....	.....	.....	.....	.....	0'75	.....	1	0'75	1'78	3'24	63'08	.....	
	Meherpore	.....	.....	0'83	0'14	.....	.....	.....	2	0'97	4'40	2'31	65'84	.....	
Khoolna	Kooshita	.....	.....	0'22	.....	.....	0'67	.....	2	0'89	1'31	3'10	75'20	.....	
	Satkira	.....	.....	.....	.....	0'40	1'23	.....	2	1'68	4'68	3'15	60'46	.....	
	Bagerhat	0'17	.....	0'40	0'40	1'28	0'07	.....	5	4'26	6'28	3'40	87'11	.....	
	Khoolna	.....	.....	2'04	1'62	3'04	0'23	.....	4	3'93	7'88	3'53	61'39	.....	
Jessore	Narail	.....	.....	0'35	0'45	1'06	.....	0'00	4	2'46	3'26	3'49	58'62	.....	
	Jessore	.....	.....	2'81	1'91	0'05	.....	.....	2	4'77	0'17	3'42	72'86	.....	
	Jhemidah	.....	.....	0'30	0'13	.....	0'38	.....	3	0'84	1'55	2'08	66'08	.....	
	Magoorah	.....	.....	0'18	1'00	.....	0'21	.....	3	1'39	2'09	3'79	71'11	.....	
Moorshedabad	Bongong	.....	.....	.....	.....	0'20	.....	.....	1	0'20	0'60	2'68	53'44	.....	
	Kandi	.....	1'50	.....	.....	.....	.....	.....	1	1'50	2'00	1'88	60'52	.....	
	Berhampore	.....	.....	1'13	.....	.....	.....	.....	1	1'13	1'50	2'36	63'60	.....	
	Lalbagh	.....	.....	1'09	0'19	.....	.....	.....	2	1'28	3'11	2'30	68'01	.....	
Chittagong	Azimungunge	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2'12	1'85	71'86	.....	
	Jungipore	.....	.....	0'35	.....	.....	0'20	.....	2	0'55	0'92	1'09	69'35	.....	
	Lalgaia	.....	.....	0'20	.....	.....	.....	.....	1	0'20	3'86	2'11	?	.....	
	Akhrajanj	.....	.....	0'23	.....	.....	.....	.....	1	0'23	1'04	?	From 1st May 1887	.....	
Chittagong	Patkabari	.....	1'30	0'55	.....	.....	.....	.....	2	1'65	2'65	?	.....	.....	
	Cox's Bazar	.....	.....	0'05	0'50	1'05	1'89	1'79	5	4'99	7'36	4'62	144'06	.....	
	Chittagong	.....	.....	.....	0'27	1'40	1'53	0'20	4	3'46	4'66	4'47	154'08	.....	
	Kutubdia	.....	.....	.....	0'43	.....	.....	.....	.....	.....	.....	?	.....	.....	
Chittagong	Satkanya	.....	.....	.....	0'50	0'58	.....	.....	.....	.....	.....	.....	.....	.....	
	Rangamati	.....	.....	.....	0'18	1'08	3'46	0'31	4	5'03	6'17	5'17	112'68	.....	
	Hili Tracts	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4'89	.....	.....	
	Hili Tracts	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Backergunge	Patnakhally	.....	.....	2'70	0'90	0'55	.....	.....	3	4'15	5'32	3'40	90'76	.....	
	Perospore	.....	.....	3'31	2'78	.....	0'47	.....	4	6'87	7'60	3'42	89'46	.....	
	Burrisal	0'20	.....	1'62	3'32	0'10	.....	.....	4	5'24	7'6	3'38	77'39	.....	
	Bhola	.....	.....	0'97	1'22	2'23	.....	.....	3	4'42	5'59	3'27	97'59	.....	

## Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 13th of May 1887—contd.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL		Total rain- fall since 1st of month.	Average total rain- fall from 1st of month.	Total rain- fall since 15th May 1886.	Average rainfall from 15th May to date.
			Saturday, 7th May.	Sunday, 8th May.	Monday, 9th May.	Tuesday, 10th May.	Wednesday, 11th May.	Thursday, 12th May.	Friday, 13th May.	Number of rainy days.	of Rainfall week.				
EAST BENGAL —contd.	Noakholly ..	Gournaddi ...	.....	.....	0.50	2.50	0.13	3.10	.....	4	6.23	7.44	?	77.26	?
		Bauphal ...	.....	.....	1.90	0.80	0.54	0.10	.....	4	3.49	5.19	?	92.98	?
		Noakholly ...	.....	.....	0.40	3.26	2.82	0.22	.....	4	6.70	7.86	4.62	126.00	121.81
		Fenny ...	.....	.....	1.49	1.52	1.00	.....	.....	3	3.81	5.40	5.90	144.09	122.68
	Farrukhpore..	Harishpore ...	.....	.....	4.70	4.50	.....	.....	.....	3	6.75	7.68	?	108.16	?
		Ramganj ...	.....	.....	0.68	1.17	4.90	.....	.....	4	2.65	3.39	4.96	75.65	68.58
		Madaripore ...	.....	.....	0.40	0.70	0.67	0.89	.....	2	4.14	5.14	3.63	68.90	69.89
		Furzedpore... Goalundo ...	.....	.....	0.79	3.35	.....	.....	.....	2	2.35	2.60	3.87	66.28	64.73
	Dacca ..	Munshigunge ...	.....	.....	0.66	0.41	3.14	0.60	.....	4	4.81	5.09	4.72	107.01	85.26
		Dacca ...	.....	.....	1.41	1.82	1.42	.....	.....	3	4.05	4.73	4.49	79.10	71.44
		Narainkunge ...	.....	.....	0.85	0.26	1.57	0.23	.....	4	2.01	3.25	5.95	93.42	68.48
		Manickkunge ...	.....	.....	2.02	0.05	0.91	.....	.....	3	2.98	3.23	4.83	69.17	62.44
	Hill Tipperah Tipperah	Joydebpore ...	.....	.....	2.06	1.71	0.43	.....	0.03	4	4.23	4.23	?	84.08	?
		Agartola ...	.....	.....	2.15	0.47	4.40	0.52	.....	4	7.54	7.94	5.22	86.04	77.05
		Comilla ...	.....	.....	.....	1.54	1.56	0.65	.....	3	3.75	3.98	5.61	98.11	92.41
		Chandpore ...	.....	.....	0.20	2.00	1.40	.....	.....	3	3.60	4.00	0.16	99.05	96.03
	Memensinah	Brahmunberia ...	.....	.....	0.91	1.36	4.65	.....	.....	3	6.92	7.09	5.90	85.10	78.95
		Ramchandrapore.	.....	.....	0.72	1.13	3.05	0.07	.....	4	4.97	4.97	?	77.60	?
		Nasirnagar..	.....	.....	.....	.....	3.00	1.18	.....	2	4.18	4.18	?	67.75	?
		Daukandi ...	.....	.....	1.10	2.71	3.50	.....	.....	3	7.31	7.31	?	84.33	?
	Pubna ..	Kasba ...	.....	.....	1.20	.....	2.63	0.63	.....	3	3.86	3.86	?	77.25	?
		Laksham ...	.....	.....	.....	1.80	1.80	.....	.....	12	3.60	3.60	?	96.14	?
		Kishoregunge	.....	.....	0.22	.....	.....	1.25	.....	2	1.47	1.67	5.21	83.34	83.87
		Atia (Tangail)	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.85	3.42	61.02	65.93
Bogra ...	Mymensingh	.....	.....	1.58	0.75	.....	1.10	0.11	4	3.54	4.08	4.81	82.41	86.25	
	Jamalpur ...	.....	.....	0.15	.....	.....	.....	0.09	2	0.24	1.79	4.52	70.08	76.35	
	Netrokona ...	.....	.....	.....	.....	.....	1.92	0.71	2	2.63	3.61	6.20	90.76	82.30	
	Subornakhally	.....	.....	.....	0.78	.....	0.26	0.13	3	1.17	1.37	?	55.23	?	
Rajshahye ...	Durgapore ...	.....	.....	.....	0.21	.....	0.9	.....	Nil	Nil	0.24	?	60.57	?	
	Dewanganj ...	.....	.....	.....	.....	.....	.....	.....	2	0.55	0.83	3.37	71.08	63.33	
	Pubna ...	.....	.....	0.21	.....	.....	0.31	.....	3	2.68	3.09	2.87	60.31	60.40	
	Seraingunge ..	.....	.....	2.20	0.09	.....	0.39	.....	1	0.20	0.60	3.40	71.96	64.99	
Maldah ...	Sherpore ...	.....	.....	0.20	.....	.....	.....	.....	Nil	Nil	0.37	3.28	64.96	60.71	
	Nowkhilla	.....	.....	.....	.....	.....	.....	.....	1	0.03	0.61	3.51	71.03	67.97	
	Bogra ...	.....	0.03	.....	.....	.....	.....	.....	Nil	Nil	.....	2.93	73.13	58.75	
	Panchbibi ...	.....	.....	.....	.....	.....	.....	.....	1	0.26	0.65	2.33	66.02	57.78	
Dinagore	Beaulah ...	.....	0.26	.....	.....	.....	.....	.....	Nil	Nil	0.55	3.33	62.24	62.65	
	Nattore ...	.....	.....	.....	.....	.....	.....	.....	1	1.23	1.62	?	75.73	?	
	Nowkong ...	.....	.....	1.23	.....	.....	.....	.....	1	0.20	0.38	?	65.78	?	
	Lalpor ...	.....	.....	.....	.....	.....	0.20	.....	1	2.83	2.83	?	61.69	?	
Bungpore ..	Manda ...	.....	.....	2.83	.....	.....	.....	.....	1	1.21	1.21	1.60	76.48	54.28	
	Maldah ...	.....	.....	1.31	.....	.....	.....	.....	1	0.16	0.54	1.84	54.59	62.68	
	Chanchal ...	.....	.....	0.16	.....	.....	.....	.....	1	1.72	1.72	?	70.66	?	
	Gajol ...	.....	.....	1.72	.....	.....	.....	.....	1	0.70	1.31	?	69.41	?	
Jalpigoree ...	Sibganj ...	.....	.....	0.70	.....	.....	.....	.....	1	0.95	2.25	2.95	83.55	60.47	
	Mohadebpore	.....	.....	0.95	.....	.....	.....	.....	1	1.77	1.98	1.71	70.16	63.66	
	Churamon ...	.....	.....	1.77	.....	.....	.....	.....	1	0.26	0.68	2.32	63.74	57.82	
	Raigunge ...	.....	.....	0.26	.....	.....	.....	.....	Nil	Nil	0.58	2.16	70.31	67.32	
Cooch Behar..	Dinagore ...	.....	.....	.....	.....	.....	.....	.....	1	0.17	0.17	1.40	63.61	59.44	
	Baloorghat ...	.....	.....	0.17	.....	.....	.....	.....	Nil	Nil	1.85	3.33	64.52	69.40	
	Bhawanigunge (Gyabanda).	.....	.....	.....	.....	.....	.....	.....	2	1.58	2.28	2.93	81.15	80.96	
	Rangpore ...	.....	1.50	0.03	.....	.....	.....	.....	Nil	Nil	1.52	5.23	105.57	84.63	
Jalpigoree ...	Kurigram ...	.....	.....	1.58	.....	.....	.....	.....	1	1.58	2.39	3.26	87.13	82.29	
	Bagdogra (Nilphamari.)	.....	.....	.....	.....	.....	.....	.....	1	0.10	1.01	?	83.30	?	
	Ulipore ...	.....	.....	.....	0.40	.....	.....	.....	3	2.77	3.92	4.06	137.76	125.38	
	Jalpigoree ...	.....	.....	0.80	.....	.....	0.25	1.72	5	6.21	7.13	?	154.23	?	
Cooch Behar..	Alipore Doar	.....	.....	2.60	.....	2.84	0.71	0.06	3	3.24	3.93	?	100.61	?	
	Fallacotta	.....	.....	2.76	.....	.....	0.35	0.13	2	3.48	4.18	?	?	?	
	Debiganj ...	.....	0.13	3.35	.....	.....	.....	.....	4	0.71	3.49	4.55	95.39	103.90	
	Dinhat ...	.....	.....	0.19	.....	0.15	0.51	0.06	3	3.06	4.10	5.33	121.42	131.46	
Darjeeling Hill.	Cooch Behar...	.....	.....	0.23	.....	0.08	2.75	4.10	3	3.92	3.92	?	128.08	114.36	
	Mickligunge...	.....	.....	0.27	.....	0.45	0.43	0.62	4	1.77	3.39	4.19	127.27	127.65	
	Matabhanga...	.....	.....	0.10	.....	0.33	.....	0.29	3	0.74	1.61	?	?	?	
	Buxa ...	0.20	3.40	.....	.....	0.70	.....	.....	5	4.82	4.82	2.14	157.73	93.03	
Purneah ..	Siliguri ...	.....	0.30	0.51	.....	0.04	2.88	1.05	7	1.27	2.12	4.07	126.07	126.12	
	Darjeeling ...	.....	0.08	0.53	0.28	0.04	0.17	0.16	2	1.20	1.25	3.99	83.24	89.38	
	Kalimpong ...	.....	0.35	.....	.....	0.85	.....	.....	3	1.28	2.58	2.07	111.13	71.68	
	Kissengunge...	.....	0.30	0.73	.....	.....	.....	0.25	1	0.27	1.26	2.46	93.87	69.54	
North Bhagal- pore.	Arrareah ...	.....	.....	0.27	.....	.....	.....	.....	1	0.11	0.43	1.52	85.81	63.44	
	Purneah ...	.....	.....	0.11	.....	.....	.....	.....	1	0.09	0.99	?	?	?	
	Gondwara ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.22	?	81.15	?	
	Balarampore..	.....	.....	0.09	.....	.....	.....	.....	2	0.10	0.49	1.77	61.55	52.09	
Durbhanga ...	Mattari ...	.....	.....	.....	.....	.....	.....	0.07	Nil	Nil	0.41	1.74	62.57	49.52	
	Kaliaganj ...	.....	.....	.....	.....	.....	.....	.....	1	0.23	0.23	?	75.36	?	
	Madaapore ...	.....	.....	0.03	.....	.....	.....	.....	Nil	Nil	.....	1.16	74.61	41.53	
	Sooopool ...	.....	.....	.....	.....	.....	.....	.....	1	1.65	2.09	1.23	60.43	41.18	
Muzafferpore	Protaganj ...	.....	0.23	.....	.....	.....	.....	.....	1	0.20	0.60	1.33	69.31	60.68	
	Tajpore ...	.....	.....	.....	.....	.....	0.20	.....	1	0.05	0.69	?	70.79	?	
	Durbhanga ...	.....	.....	.....	.....	.....	0.05	.....	2	1.04	1.24	?	73.03	?	
	Madhubani ...	.....	.....	.....	.....	.....	1.01	0.03	1	0.35	0.35	1.26	88.44	44.89	
Unmuparad	Roshera ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.40	1.24	69.42	47.02	
	Sitamarhi ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.11	0.77	60.58	42.98	
	Muzafferpore	.....	.....	.....	.....	.....	0.10	1.43	2	1.53	1.53	?	63.33	?	
	Hajipore ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	?	56.20	?	
Chumpanan ...	Faru ...	.....	.....	.....	.....	.....	.....	.....	1	0.19	0.69	?	60.91	?	
	Mahua ...	.....	.....	.....	.....	.....	0.19	.....	1	0.06	0.66	?	61.10	?	
	Sinhay ...	.....	.....	.....	.....	.....	0.66	.....	2	0.07	0.10	1.07	55.00	45.58	
	Papri ...	.....	.....	.....	.....	.....	0.01	0.06	2	0.35	0.57	1.43	71.53	53.83	
Chumpanan ...	Motinari ...	.....	.....	.....	.....	.....	0.15	0.20	2	1.29	1.32	?	64.84	?	
	Bettiah ...	.....	.....	.....	.....	.....	0.34	.....	2	0.45	0.77	?	52.21	?	
	Bagahi ...	.....	.....	.....	.....	.....	0.01	0.44	2	0.45	0.77	?	?	?	
	Barkhura ...	.....	.....	.....	.....	.....	.....	.....	2	0.45	0.77	?	?	?	

## Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 13th of May 1887—concl.

Met. orological Division.	District.	Station.	RAINFALL							TOTAL.		Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 15th May 1886.	Average rainfall from 15th May to date.
			Saturday, 7th May.	Sunday, 8th May.	Monday, 9th May.	Tuesday, 10th May.	Wednesday, 11th May.	Thursday, 12th May.	Friday, 13th May.	Number of rainy days.	Rainfall of week.				
NORTH BEHAR—concluded.	Saran	Gopalgunge	.....	.....	.....	.....	.....	0.13	.....	1	0.13	0.63	1.83	61.33	44.3
		Sewan	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.69	60.35	45.1
SOUTH BEHAR	Shahabad	Chaurah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.59	60.85	45.0
		Buxar	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.36	51.02	39.6
		Dehree	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.02	?	52.04	?
		Bhubooh	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.54	53.93	42.3
		Sasseram	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.38	55.53	41.6
		Arrah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.02	0.62	69.49	40.2
		Mohania	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	28.30	?
	Gya	Aurungabad	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.13	0.30	68.20	42.3
		Gya	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.24	67.63	42.0
		Nowadah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.55	67.25	40.9
		Jehanabad	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.02	0.47	65.78	40.3
		Arwal	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.34	?	55.54	?
		Daudnagar	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.30	?	54.91	?
		Sherghati	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	61.00	?
		Rajouli	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.90	?	?	?
		Pakri Barawan	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	60.40	?
	Patna	Patna	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.14	0.59	66.51	42.3
		Dumra	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.46	72.56	41.0
		Behar	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.75	0.75	58.46	43.4
		Barh	.....	0.05	.....	.....	.....	.....	.....	1	0.05	0.05	0.82	52.58	41.2
		Bickram	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
		Hilsa	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
	Monahyr	Begoesari	.....	0.17	.....	.....	.....	1.65	.....	2	1.82	1.82	0.71	55.50	40.9
		Monahyr	.....	1.31	.....	.....	.....	.....	.....	1	1.31	1.31	0.76	69.98	47.2
		Jamui	.....	.....	.....	.....	.....	0.35	.....	1	0.35	1.04	0.75	63.85	44.6
		Gogri	.....	0.75	.....	.....	.....	.....	.....	1	0.75	0.75	?	56.41	?
		Sheikhpura	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	63.86	?
	South Bhagulpore.	Bhagulpore	.....	.....	1.10	.....	.....	.....	.....	1	1.10	1.10	0.88	67.82	43.5
		Hansa	.....	.....	0.35	0.12	.....	0.05	.....	3	0.52	0.92	0.72	63.17	43.4
		Koikong	.....	.....	1.43	.....	.....	.....	.....	1	1.43	1.43	?	67.11	?
	Sonthal Pergunnahs.	Rajmahal	.....	0.27	0.76	.....	.....	.....	.....	2	1.03	1.03	2.05	89.14	53.98
		Godna	.....	.....	0.16	.....	.....	.....	.....	1	0.16	0.48	1.17	69.33	46.2
		Pakour	.....	.....	0.74	.....	.....	.....	.....	1	0.74	0.99	1.19	88.46	51.0
		Nya Dooika	.....	0.20	.....	0.02	.....	0.37	.....	3	0.59	1.09	1.13	75.12	50.2
		Deognur	.....	0.22	.....	.....	.....	0.38	.....	2	0.60	1.98	1.05	65.67	43.4
		Jamtara	.....	.....	.....	.....	.....	.....	0.24	1	0.24	1.24	1.26	71.78	50.3
		Simra	.....	1.15	.....	.....	.....	.....	.....	1	1.15	1.30	?	69.54	?
		Nanhat	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.20	?	?	?
CHUTIA NAT-PUR.	Hazaribagh	Pachamba (Girdi)	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.57	0.74	63.45	42.3
		Hazaribagh	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.37	0.70	59.84	40.1
		Semtagur	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.35	1.41	53.69	49.2
		Manudi Hills	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.87	58.82	49.2
		Jhoomrah Hills	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1.96	62.80	60.2
		Barhi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	71.38	?
		Chatra	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.11	?	70.86	?
		Karagdeha	.....	0.84	.....	.....	.....	.....	.....	1	0.84	0.84	?	62.66	?
		Amghur	.....	.....	.....	.....	0.21	.....	.....	1	0.21	0.46	?	56.07	?
	Lohardugga	Lohardugga	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.08	?	61.57	?
		Kanchi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.52	1.15	55.23	55.8
		Palamow	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0.36	51.47	44.1
		Silli	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.10	?	47.94	?
		Balumat	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	51.06	?
		Bosserabad	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
		Gurwah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	64.48	?
	Singbhoom	Chyebassa	.....	.....	0.07	.....	0.13	0.05	.....	3	0.25	2.05	1.49	46.16	50.3
		Chakradhar-pore.	.....	.....	.....	.....	.....	0.45	.....	1	0.45	1.14	?	59.87	?
		Ghatilla	.....	.....	0.29	.....	.....	0.50	.....	2	0.79	1.88	?	60.01	?
		Baharagura	.....	0.07	0.34	.....	.....	0.85	.....	3	1.26	1.28	?	51.29	?
	Manbhoom	Purulia	.....	.....	.....	.....	.....	0.09	.....	1	0.09	1.57	1.32	48.75	53.9
		Gobindpore	.....	0.07	.....	.....	.....	.....	.....	1	0.07	0.71	0.69	52.28	43.6
		Kaghunath-pore.	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.83	?	63.48	?
		Barrabhoom	.....	.....	0.10	.....	.....	.....	.....	1	0.10	1.01	?	41.48	?
		Jhalda	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.40	?	?	?
		Chas	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.18	?	61.44	?

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 17th May 1887.



**SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS  
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVA-  
TIONS TAKEN IN ASSAM, FOR THE WEEK ENDING FRIDAY, THE 13TH  
MAY 1887.**

At the close of the previous week a rapid rise of pressure had taken place over the province, by which it had been raised rather largely above the normal, and by which the differences of pressure over the province had been rendered very small. The high barometer had been accompanied by fine weather, and for the last two days of the week rainfall was practically absent over the whole province. On Friday, the 6th, however, the high pressure commenced to give way, and a rather rapid fall set in, which continued for several days. In addition to the rapid reduction of pressure which took place on the 7th, the most important feature in the meteorology of this day was the setting in of dry westerly winds over the west of the province, which was accompanied by a considerable reduction in the humidity, and by decrease in the cloud proportion at the western stations; on this day also temperature was decidedly high and considerably above the normal. On the 8th the barometer again fell, and the changes showed that a distinct barometric depression had been formed over the western part of the province. On this day south-westerly winds were reported from Dehree, from Chutia Nagpur and from some of the stations in Orissa and South-West Bengal; in East and North Bengal winds were southerly and south-easterly, while in Behar winds were easterly. A considerable amount of interaction was therefore taking place between more or less opposing wind currents, and this, taken in connection with the barometric depression which had formed, showed that weather conditions had become distinctly unsettled, particularly in the west of the province. The unsettled conditions were immediately followed by rainfall, and on this day rain was reported from several of the stations in South Behar, as well as from some in North Bengal. On the 9th pressure again fell and the area of low pressure extended in a southerly direction, and the wind directions reported showed that there was a distinct tendency to cyclonic circulation round the area of low pressure. The area of disturbance having enlarged and travelled southwards, on this day rain was reported in moderate amounts from all divisions of the province except Behar and part of Chutia Nagpur. On the 10th pressure again fell, and there was still a well marked depression over Orissa and the western part of the province, round which there was a tendency to cyclonic circulation. On this day the area of disturbance appears to have travelled a little southwards, and rainfall was practically absent from Chutia Nagpur, Orissa, Behar, and North Bengal, though rain showers were still very frequent in all other districts. On the 11th pressure rose over the greater part of Bengal, while a rapid fall of pressure took place on the coast of the Circars, showing that probably the area of low pressure had again travelled southwards, and had thus ceased to a great extent to influence Bengal. On this day therefore rain showers were rather less frequent and lighter, and they were received over a smaller area. By these changes the lowest pressure in Bengal had been transferred to the west of the province, and therefore conditions were becoming more normal. On this day, however, general rainfall commenced in Assam, which had hitherto received no rain, and Sibsagar, on the 11th, reported a fall of 2.91 inches. A further fall of pressure, however, took place on the 12th instant, and rainfall became more general again over South-West Bengal, but in other districts rainfall was decidedly local. The As-sam stations again reported rain on the 12th. A further very rapid fall of pressure, averaging nearly a tenth of an inch, took place on the 13th, and pressure became very largely below the normal, the defect in some instances equaling two-tenths of an inch. Pressure had in fact fallen to such an extent, and was so very low, that on this day the distribution was similar to that which generally obtains at the commencement of the rainy season, and was quite unlike that which is usual in the middle of May. The rapid changes of pressure which were taking place over the province still showed that conditions were very disturbed, and on this day again rain showers were numerous in South-West Bengal, in the hill districts of North Bengal and in some parts of Orissa. Rain also fell at all the stations in Assam from which reports are received. For the last 4 or 5 days of the week, therefore, it will have been seen conditions were disturbed over a large part of the province, and rain showers have been frequent, though, as a rule, the amounts received daily have been small except in East Bengal. A point of interest in connection with the meteorology of the week has been that in Ceylon, during the latter end of the week, another advance of monsoon winds appeared to be taking place, but it had not progressed very far up the Bay.

**Pressure.**—As has been stated in the previous general summary, pressure has steadily fallen almost throughout the week, and at its close it was decidedly largely below the normal. At the commencement of the week, however, pressure was above the normal by considerable amounts, so that the mean pressure for the week does not vary so much from the normal as it otherwise would have done. In Orissa the mean pressure for the week has been below the normal by 0.08", in South-West and East Bengal the defect has been about 0.65", in North Bengal, in Chutia Nagpur and Behar the defect has been about 0.07", and in Assam it has been about 0.08". The average defect for the whole province of Bengal and Assam has therefore been about 0.07", while the western parts of the province show, if anything, the largest defects.

**Temperature.**—At the close of the previous week had risen rather rapidly owing to the cessation of rainfall, and was generally above the normal in all districts except Orissa.



and Chutia Nagpur. At the commencement of the present week temperature rose, but, with the occurrence of rainfall, the changes of temperature became rather irregular, depending on the distribution of the local storms and rainfall. The mean temperature of the whole province for the week has, however, been decidedly above the normal in all districts, the average excess in all the districts equalling about  $3^{\circ}$ , but the excess has to a great extent been confined to Behar, Chutia Nagpur, and Assam. In Assam the temperature for the week has been  $5.5^{\circ}$  above the normal for the period; in North Behar the excess has been  $5.6^{\circ}$ , in South Behar  $4.7^{\circ}$  and in North Bengal  $3.5^{\circ}$ , while in Chutia Nagpur the excess has been  $3.4^{\circ}$ . Maximum temperature during the present week has not been quite so high as in the previous week, and the highest maximum temperature recorded has been  $107.6^{\circ}$  at Gya on the 9th.

*Humidity.*—The principal feature during the week with regard to this element of meteorology has been the very high humidity in Behar and Chutia Nagpur, due to the unusual preponderance of easterly winds in these districts, which has been a rather conspicuous feature in the meteorology of the province for the greater part of May.

*Rainfall.*—As has been stated previously, has been fairly general over the whole province on some days during the week, but the greater part of the fall has occurred in local storms, and is therefore irregularly distributed. The districts in Bengal receiving the largest amount of rainfall have been South-West and East Bengal. Thus East Bengal has received an average amount of 4.00 inches falling on 3.3 days in the week, and South-West Bengal has received an average fall of 1.28 inches on 2.3 days. In all other cases the average rainfall has been below one inch. The only district in Bengal which has received a rainfall in excess of the normal for the period is East Bengal, where the average fall has equalled 163 per cent. of the normal fall. The fall in South-West Bengal during the week has nearly equalled the normal, the actual fall being 90 per cent. of the normal for the period. The fall in South Behar has been smaller and only equals 74 per cent. of the normal. In North Bengal the fall has been much smaller, and it only equals 53 per cent. of the normal, while in Orissa and North Behar the actual falls have only been 44 and 34 per cent. respectively of the normal falls. Finally, in Chutia Nagpur rainfall has been almost entirely absent, and only equals 6 per cent. of the normal.

Of the three stations in Assam from which rainfall reports are received—Sibsagar has received 3.41 inches of rain during the week, Silchar 1.86 inches and Dhubri 0.71 inch. These falls have occurred, as stated previously, on the last three days of the week.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 13th of May 1887:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 15th May 1886.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	103.9	71.8	91.6	80.6	80.1	+1.2	0.50	1.14	+0.64	1.6	2.0	-0.4	1.44	1.70	65.04	58.73
South-West Bengal	101.5	69.2	93.5	77.2	85.4	+0.5	1.28	1.42	-0.14	2.3	2.2	+0.1	2.67	2.57	64.25	59.01
East Bengal	96.2	68.8	87.3	74.3	80.8	+0.5	4.00	2.45	+1.55	3.3	3.3	0	4.85	4.71	93.31	81.09
North Bengal	100.2	70.8	92.8	75.0	83.9	+3.5	0.85	1.03	-0.78	1.4	2.7	-1.3	1.60	3.15	84.28	76.47
North Behar	105.5	74.5	97.8	78.9	88.4	+5.6	0.28	0.82	-0.54	1.0	1.4	-0.4	0.62	1.30	67.14	50.12
South Behar	107.6	71.8	99.3	79.7	89.5	+4.7	0.57	0.50	-0.13	0.8	1.1	-0.3	0.63	0.77	66.08	44.56
Chutia Nagpur	103.0*	70.4*	98.5*	74.8*	86.6*	+3.4*	0.04	0.71	-0.67	0.5	1.7	-1.2	0.64	1.07	55.17	52.36
Assam	97.8	71.0	90.1	74.8	82.5	+5.5	—	—	—	—	—	—	—	—	—	—

\* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL;  
The 17th May 1887.

A. PEDLER,  
Offg. Meteorological Reporter to the Govt. of Bengal.

**Results of the Thermometrical Observations taken at the Meteorological Office,  
Chowringhee, from 8th to 14th May 1887.**

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1887.		°	°	°	°	°	Inches.	°	%	Inches.
May	8th	85.9	97.2	19.2	78.0	80.4	.965	78.2	78	—
"	9th	81.7	92.8	14.2	78.6	78.8	.947	77.8	87	0.37
"	10th	77.3	93.0	16.6	76.4	76.7	.912	76.5	98	0.57
"	11th	82.0	90.7	13.9	76.8	79.3	.966	78.2	88	0.04
"	12th	83.3	94.0	14.7	79.3	79.7	.967	78.2	85	0.03
"	13th	81.2	92.9	21.5	71.4	78.7	.949	77.9	89	1.34
"	14th	88.2	97.0	15.7	81.3	83.8	1.100	82.1	82	—

The mean temperature of the seven days ... 82.8

The extreme variation of temperature ... 25.8

The maximum temperature ... 97.2

The mean relative humidity ... 87%

The total fall of rain from 8th to 14th May 1887 ... 2.35

The mean temperature and humidity are obtained by applying to the mean of the 10a, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;

The 16th May 1887.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

## MEMORANDUM.

DURING the week ending 30th April 1887, the returns of the principal Municipalities in Bengal disclosed the following particulars:—

1. That births and deaths were registered in these Municipalities at the rates, respectively, of 15·8 and 24·5 per 1,000 of population as opposed to 18·9 and 28·4 per 1,000, respectively, during the preceding week ending 23rd April, indicating a considerable reduction in the registration of both events.

2. That these events were returned at the highest rates by the following Municipalities:—

<i>Births.</i>			<i>Deaths.</i>		
		Ratio per mille.			Ratio per mille.
Beaulah	...	44·7	Comillah	...	69·3
Comillah	...	38·5	Gya	...	41·7
			Suburbs of Calcutta	...	38·7
			Puri	...	35·7
			Bhagulpore	...	33·5
			Beaulah	...	31·5

3. That the mortality from the specific death-causes mentioned in the table appended to this memorandum, compared with similar information for the preceding week, stood as follows:—

				Ratio per mille during the weeks ending—	
				30th April 1887.	23rd April 1887.
Cholera	...	...	...	6·9	9·3
Small-pox	...	...	...	·4	·1
Fever	...	...	...	7·9	9·4
Bowel-complaints	...	...	...	2·6	2·6
Injury	...	...	...	·3	·2
Other causes	...	...	...	6·4	6·7

indicating that the death-rates from cholera and fever had diminished very considerably; the other death-causes presenting no noticeable variations.

4. That while the mortality from fever and injury was nowhere above normal, the rest of the diseases mentioned above caused the greatest loss of life in the following Municipalities:—

<i>Cholera.</i>		<i>Small-pox.</i>		<i>Bowel-complaints.</i>		<i>Other causes.</i>	
	Ratio per mille.		Ratio per mille.		Ratio per mille.		Ratio per mille.
Comillah	38·5	Gya	3·4	Comillah	23·1	Gya	13·7
Patna	14·6	Howrah	2·3	Puri	10·5	Puri	12·6
Suburbs of Calcutta	14·5						
Gya	8·2						
Mozufferpore	7·3						
Howrah	5·7						
Bhagulpore	4·5						

5. That the death-rates in relation to *Sex*, *Class* and *Age* were returned at the rates noted below:—

<i>According to Sex.</i>		<i>According to Class.</i>		<i>According to Age.</i>	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Males	24·2	Christians	17·4	Under 1 year	168·1
Females	21·8	Hindus	23·2	1 and under 5 years	35·6
Ratio of male deaths to every 100 female deaths	110	Mahomedans	27·7	5 " " 10 " "	16·3
				10 " " 15 " "	12·7
				15 " " 20 " "	13·1
				20 " " 30 " "	11·7
				30 " " 40 " "	17·1
				40 " " 50 " "	19·1
				50 " " 60 " "	27·9
				60 years and upwards	70·4

R. LIDDERDALE, M.D., *Deputy Surgeon-General*,

The 16th May 1887.

*Sanitary Commissioner for Bengal.*

## MORTALITY ACCORDING TO—

POPULATION.			BIRTHS.			DEATHS FROM—										DISEASE.		SEX.		Ratio of male deaths to every 100 female deaths.						
NAMES OF MUNICIPALITIES.			NUMBER OF—			RATIO PER 1,000 OF POPULATION PER ANNUM.			RATIO OF MALE BIRTHS TO EVERY 100 FEMALE BIRTHS.			RATIO PER 1,000 OF POPULATION PER ANNUM.							DEATHS.		RATIO PER 1,000 OF POPULATION PER ANNUM.					
			Total.		Total.	Total.		Total.	Total.	All causes.		Small-pox.	Fever.	Bowel-complaints.	Injury.	Other diseases.	All causes.	Ratio of deaths per 1,000 of population per annum in the previous week.			Males.		Females.			
			Males.	Females.		Males.	Females.			Males.	Females.							Males.	Females.		Males.	Females.	Males.	Females.		
Burdwan	Burdwan	18,663	16,017	34,680	10	7	17	152	107	259	142	...	...	10	1	...	1	13	153	107	8	4	230	130	200	
Midnapore	Midnapore	16,947	16,683	33,630	1	3	4	15	46	62	53	...	...	2	...	...	5	...	77	170	4	3	123	97	133	
Hughli	Hughli and Chinsurah	19,179	12,639	31,818	...	7	8	13	84	107	14	3	...	4	...	...	9	...	27	309	4	5	108	133	80	
Seemapore	Seemapore	13,559	17,987	31,546	6	2	8	118	39	157	340	3	...	3	1	...	4	...	78	333	6	5	230	201	120	
Howrah	Howrah	3,040	4,464	7,504	2	1	3	189	94	283	260	...	...	1	...	...	...	...	...	94	94	1	...	171	...	No female deaths.
24-Pargannas	Howrah	68,153	37,590	105,743	20	12	32	114	63	183	165	1	4	9	2	...	11	...	63	166	23	13	225	181	176	
...	Bali	7,895	6,979	14,874	2	1	3	70	35	105	200	1	...	1	1	...	...	...	...	316	3	1	109	75	300	
...	Suburbs of Calcutta	147,205	104,231	251,436	41	38	79	85	78	163	107	70	...	45	15	...	42	...	87	523	103	84	384	419	122	
...	Kislingpur	13,463	14,214	27,677	5	6	11	95	113	208	83	...	...	2	...	...	4	...	75	170	3	4	118	146	75	
...	Ranaghat	4,428	4,055	8,483	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	60	240	1	...	129	...	No female deaths.
...	Saikatpore	13,708	13,970	27,678	4	2	6	70	35	105	200	...	...	5	2	...	1	...	17	53	5	4	190	130	125	
...	Jessore	4,890	3,655	8,545	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	184	...	...	...	...	
...	Rampur Beaulah	10,766	9,025	19,791	7	19	17	184	203	447	70	1	...	6	2	...	3	...	79	304	8	4	384	230	200	
...	Darjiling	5,029	2,947	7,976	1	3	4	65	105	201	33	...	...	1	1	...	1	...	65	65	2	1	206	176	200	
...	Dacca	42,782	37,379	80,161	8	13	21	52	84	136	61	3	...	10	...	...	8	...	52	227	11	10	134	139	110	
...	Narainpore	7,005	4,956	11,961	3	2	5	124	83	207	150	2	...	2	...	...	1	...	41	290	3	2	205	200	150	
...	Chattogram	13,240	8,790	22,030	3	...	3	70	...	70	No female births.	...	...	2	3	...	1	...	23	94	4	2	156	118	200	
...	Comillah	8,183	5,353	13,536	4	6	10	154	231	385	61	19	...	6	...	...	2	...	77	389	9	9	574	874	160	
...	Patna City	78,762	81,475	160,237	29	10	39	65	32	97	200	45	...	14	3	...	20	...	65	237	38	44	251	281	86	
...	Gya	38,390	37,831	76,221	22	16	38	150	109	250	137	12	...	21	3	...	20	...	137	451	22	39	299	536	55	
...	Shahabad	2,095	22,205	24,300	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...	...	...	
...	Mozafferpore	23,084	19,658	42,742	6	4	10	73	49	122	150	6	...	2	...	...	7	...	86	134	7	8	157	212	87	
...	Dumra	35,774	32,322	68,096	12	17	29	94	134	228	70	2	...	12	7	...	8	...	63	323	15	14	231	225	107	
...	Chupra	26,044	27,305	53,349	2	2	4	17	19	39	100	...	...	4	...	...	...	...	...	78	...	4	...	76	No male deaths.	
...	Pharulpore	29,640	27,813	57,453	14	9	23	127	81	208	155	2	...	16	6	...	9	...	81	272	22	15	386	280	146	
...	Monghyr	28,154	29,306	57,460	14	13	27	126	118	244	107	2	...	10	3	...	5	...	45	253	8	14	118	248	57	
...	Farash	8,463	6,553	15,016	3	2	5	104	69	173	150	...	...	4	2	...	...	...	...	381	5	1	307	79	500	
...	Poori	13,247	11,337	24,584	4	2	6	84	42	126	200	2	...	4	5	...	6	...	126	252	12	6	471	225	240	
TOTAL		702,890	619,491	1,322,381	215	188	403	84	74	158	114	177	10	200	65	7	162	622	245	284	295	243	248	110		

\* A special census of the Europeans in the Darjiling Municipality was recently taken, as the census of this section of the community, taken in February 1881, was not reliable owing to the Europeans being at a minimum in that month. The number of the natives as at before, as it was not necessary to re-census them. The ratios have consequently been calculated on the revised population under all heads in the above table, except "Age," the ratios under which have been omitted, inasmuch as the census of the Europeans allied to cannot be employed as a basis of calculation owing to the results of the census under this head not having been recorded under the authorized form of ascertainment.



[illegible]

## CIRCULAR AND EASTERN CANALS.

*Approximate return of traffic for the week ending Saturday, the 7th May 1887, compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 7TH MAY 1887.			WEEK ENDING SATURDAY, THE 8TH MAY 1886.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	280	72,400	1,291	296	60,661	997
Jute ...	24	16,550	294	10	9,000	163
Firewood ...	140	68,365	1,020	91	42,350	615
Other articles ...	649	1,83,275	2,736	674	2,68,260	2,982
Total ...	1,093	3,40,590	5,341	1,071	3,80,271	4,757

## CIRCULAR AND EASTERN CANALS.

*Approximate Return of Traffic for the week ending Saturday, the 14th May 1887, compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 14TH MAY 1887.			WEEK ENDING SATURDAY, THE 15TH MAY 1886.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	201	90,393	1,546	209	49,377	905
Jute ...	9	3,775	70	7	4,700	82
Firewood ...	121	67,150	1,014	78	37,975	551
Other articles ...	825	2,09,645	3,143	494	1,06,245	1,727
Total ...	1,246	3,70,963	5,773	788	1,98,297	3,265

## EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the 4 weeks ended 26th March 1887, as compared with the same period of 1886.

STAPLES.	1887.		1886.		Increase.		Decrease.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
ANIMALS, LIVING, FOR SALE.	No. 41	648	No. 210	3,769	No. 186	634	No. 169	5,121
{ Horses, ponies, and mules ...	220	1,132	498	1,842	563	1,072	.....	.....
{ Sheep and goats ...	2,946	2,914	2,383	1,842	.....	.....	.....	.....
{ Other kinds ...	.....	.....	.....	.....	.....	.....	.....	.....
Borax ...	8,573	7,325	9,767	7,938	.....	.....	1,194	613
Canes and ratans ...	128	224	131	225	.....	.....	3	1
Caoutchouc (Indian-rubber) ...	3	2	2	1	1	1	.....	.....
Chinese and Japanese ware ...	32	56	60	94	.....	.....	28	38
Coal and coke, up ...	8,35,496	2,77,927	6,86,156	2,49,377	1,49,310	28,550	.....	.....
Ditto, down ...	21,43,788	2,99,115	21,74,278	3,00,425	.....	.....	34,890	1,310
Cotton, raw ...	2,53,148	2,27,744	1,06,471	1,09,020	1,46,677	1,18,124	.....	.....
{ Twist and yarn (European) ...	8,633	11,044	8,852	12,248	.....	.....	419	294
{ Ditto (Indian) ...	11,002	6,132	12,773	6,833	.....	.....	1,681	701
COTTON, MANUFACTURED.	1,62,447	1,80,975	1,62,325	1,78,174	122	2,801	.....	.....
{ Piece-goods (European) ...	19,809	12,468	20,544	13,010	.....	.....	675	550
{ Ditto (Indian) ...	275	181	241	125	34	56	.....	.....
DRUGS AND MEDICINES.	1,718	2,221	2,146	2,872	.....	.....	428	51
{ Intoxicating drugs (other than opium, i.e., arsenic, bhanga, ganja, and churus, &c.)	1,319	908	1,599	1,014	.....	.....	280	106
{ Indigo ...	1,345	1,118	753	419	592	699	.....	.....
{ Madder or manjit ...	32	2	44	16	.....	.....	12	14
DYEING MATERIALS.	1,599	1,721	1,464	1,695	105	26	.....	.....
{ Safflower ...	12,660	8,710	17,153	15,709	.....	.....	5,093	7,050
{ Turmeric ...	22,973	13,551	11,272	8,775	11,701	4,776	.....	.....
{ Other kinds ...	715	1,263	722	1,408	.....	.....	7	145
Earthenware and porcelain ...	15,324	5,744	16,326	4,021	5,598	1,723	.....	.....
FIBROUS PRODUCTS.	79,448	31,562	84,925	46,371	.....	.....	5,477	11,809
{ Do., manufactured (gunny bags and cloths). ...	5,324	3,975	6,432	4,639	.....	.....	1,108	664
{ Ditto, manufactured ...	1,056	119	2,425	1,073	.....	.....	1,369	954
FRUITS & NUTS	3,569	4,713	4,323	4,792	.....	.....	754	79
{ Cocoanuts ...	31,704	21,750	35,882	26,021	.....	.....	4,178	4,271
{ All other kinds ...	2,26,626	82,646	1,22,776	35,266	1,03,850	47,380	.....	.....
GRAIN & PULSES	2,34,986	49,354	2,83,916	71,174	.....	.....	54,920	21,820
{ Wheat ...	8,87,799	2,21,438	6,76,480	1,25,998	2,11,310	95,440	.....	.....
{ Gram and pulses ...	29,308	4,137	24,028	4,637	5,280	100	.....	.....
{ Rice, husked ...	1,25,389	20,213	1,18,729	22,073	7,269	4,140	.....	.....
{ Do., unhusked ...	3,383	1,854	3,258	2,008	125	.....	.....	.....
{ Other rain and spring crops ...	76,583	48,498	72,476	46,419	4,107	2,079	.....	.....
Gums and resins ...	11,046	6,120	10,578	5,179	468	941	.....	.....
HIDES & SKINS.	1,156	815	1,375	1,299	.....	.....	219	454
{ Hides of cattle ...	267	164	256	162	21	2	.....	.....
{ Do. sheep, goats, and small animals.	17,710	13,048	16,732	11,471	978	1,577	.....	.....
Horns ...	28,831	9,134	18,884	6,110	9,947	3,024	.....	.....
LAC	1,769	3,353	1,639	3,218	130	85	.....	.....
{ Leather, unmanufactured	2,760	3,787	2,401	3,469	359	327	.....	.....
{ Ditto, manufactured	14,132	14,579	14,703	13,751	.....	.....	828	671
Liquors ...	790	412	608	378	2	34	.....	.....
Mats ...	33,551	24,063	29,410	22,559	4,141	2,104	.....	.....
METALS AND MANUFACTURES OF	80,611	52,341	79,695	54,179	1,516	.....	.....	1,838
{ Brass and copper	6,190	5,757	5,912	5,469	278	.....	.....	.....
{ Iron	36,543	21,545	19,903	11,402	16,680	10,143	.....	.....
{ Other metals	4,636	2,664	10,510	20,230	.....	.....	14,883	17,506
Oils ...	1,739	1,073	1,821	1,099	.....	.....	82	26
Opium ...	26,280	21,780	27,060	16,000	.....	.....	2,180	780
Paints and colours ...	6,484	6,167	6,185	6,728	299	539	.....	.....
PROVISIONS	2,28,735	7,913	2,03,387	7,475	25,348	438	.....	.....
{ Ghee	4,37,272	9,06,986	1,68,903	42,857	2,68,369	1,64,129	.....	.....
{ Other kinds	5,81,380	1,25,719	5,45,485	1,04,827	35,895	20,892	.....	.....
Railway materials, Construction Account	74,306	35,120	48,632	20,070	26,274	15,050	.....	.....
{ Ditto ditto, Foreign	16,236	4,294	13,872	3,249	2,364	1,045	.....	.....
Salt	1,39,603	47,980	3,33,623	1,01,340	.....	.....	1,94,020	63,360
SALTPETRE, &c.	2,90,194	81,043	2,98,554	76,073	.....	.....	4,370	2,360
{ Linseed	22,671	4,963	14,431	3,333	8,240	730	.....	.....
{ Mustard and rape	57,824	18,740	77,194	27,470	.....	.....	19,370	8,730
{ Oil or sinjelly	30,596	12,156	42,286	15,656	.....	.....	5,780	3,500
{ Other oilseeds	19,175	7,762	15,865	5,432	3,310	2,330	.....	.....
{ Tea seed	3,264	1,815	2,849	1,694	415	211	.....	.....
{ Other kinds	.....	.....	.....	.....	.....	.....	.....	.....
SILK	808	516	780	482	28	34	.....	.....
{ Do., manufactured (European)	21,634	16,207	40,548	29,209	.....	.....	18,914	13,002
{ Do., ditto (Indian)	1,03,088	15,611	1,01,860	17,300	1,228	.....	3,779	11,524
Spices	1,86,611	54,122	2,20,050	65,616	.....	.....	33,419	24,351
Stone and marble	3,21,529	57,744	3,37,644	82,095	.....	.....	13,115	360
SUGAR	1,728	511	1,117	877	611	.....	.....	.....
{ Sugar, refined	897	36	1,187	42	.....	.....	290	6
{ Do., unrefined	19,196	8,281	29,855	17,277	.....	.....	10,639	8,996
TEA	36,523	11,036	31,731	10,922	1,792	114	.....	.....
Tobacco	42,049	3,345	52,320	4,635	.....	.....	10,471	490
WOOD	513	485	1,429	3,813	.....	.....	916	3,328
{ Firewood	614	1,369	603	1,349	11	20	.....	.....
{ Do., manufactured (European)	.....	.....	.....	.....	.....	.....	.....	.....
{ Do., manufactured (Indian)	925	845	735	688	190	157	.....	.....
{ Shawls	.....	.....	.....	.....	.....	.....	.....	.....
Wool	2,60,747	1,09,996	2,78,856	1,86,743	.....	.....	75,103	70,747
All other articles of merchandise	21,896	33,113	23,066	30,167	1,890	3,046	.....	.....
Government stores	1,19,869	17,752	1,08,713	20,929	11,186	.....	.....	3,177
Minerals	.....	.....	.....	.....	.....	.....	.....	.....
Total	84,67,473	26,34,246	79,15,879	23,71,033	10,68,042	5,42,239	5,16,448	2,79,026

*General remarks on the fluctuation of principal staples carried over the East Indian Railway during 4 weeks ended 26th March 1887.*

## INCREASES.

*Coal and coke.*—There was an increase in the upwards and a small decrease in the downwards despatches, resulting in a net increase in the upward traffic which was due to increased demands from Foreign railways.

*Cotton.*—This was due to the favourable state of the cotton market reported on for February having been continued during March.

*Wheat.*—This increase is attributable to demand in the Calcutta market.

*Rice (husked and unhusked).*—Due, as regards upwards, to demands at stations above Dumraon and at stations on the Great Indian Peninsula Railway; the downward despatches were for shipment to Malabar and Madras.

*Oil.*—This increase was principally in Kerosine oil, and follows a decrease in February 1887.

*Railway Material, Foreign.*—Due to despatches for the Indian Midland Railway and the Bengal and North-Western Railway.

*Salt.*—The increase in this commodity is due to the price of salt ex-ship in Calcutta having fallen during the period as compared with the previous month.

*Saltpetre.*—Due to the Calcutta market being firm.

## DECREASES.

*Turmeric.*—This decrease was principally in the despatches from Patna to the North-Western Railway.

*Gunny.*—This decrease may be ascribed partly to the poor crops in the Punjab this year of wheat for export, and partly to the growing production of bags by the Cawnpore Jute Mills.

*Gram and pulses.*—Due to limited despatches owing to high prices ruling in the Punjab.

*Opium.*—Due to Government arrangements of despatch of this drug.

*Seeds.*—The decrease was principally in linseed, and was due to the crops this year being later than in 1886, and to demand in the Calcutta market being less.

*Spices.*—Due to a partial failure of the chilli crop in Behar and Tirhoot.

*Sugar and jaggree.*—The causes were the same as last month, viz., poor crops near stations in the Dinapore district.

*Tobacco.*—The decrease was chiefly in the despatches from Barh, Patna Ghât, and *via* Mokameh Ghât, due to some extent to a poorer crop than usual.

N. ST L. CARTER, *Traffic Manager.*

TRAFFIC MANAGER'S OFFICE, JAMALPUR, the 9th May 1887.



## Weekly Return of Traffic Receipts on Indian Railways.

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 7th May 1887, on 1,519 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES	
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
Total traffic for the week	*288,860	*3,16,709 3 0	99,83,812 0	7,55,078 6 0	18,581 12 10	10,90,429 5 10	71,034½	120,679½
Or per mile of railway	.....	208 8 7	.....	497 1 5	12 3 9	717 13 9	.....	.....
For previous 17 weeks of half-year	4,348,559	50,72,548 0 0	4,51,87,038 30	1,17,24,714 6 7	3,12,536 6 10	1,71,09,708 13 5	1,174,346½	1,917,067½
Total for 18 weeks	4,637,419	53,89,317 3 0	4,81,70,850 30	1,24,79,792 12 7	3,31,118 3 8	1,82,90,228 3 3	1,245,381½	2,037,736½
COMPARISON.								
Total for corresponding week of previous year	271,549½	2,52,794 3 9	28,89,090 20	7,57,028 2 9	23,892 15 8	10,33,715 6 2	63,971	129,666
Per mile of railway corresponding week of previous year	.....	166 13 10	.....	499 11 0	15 12 4	682 5 2	.....	.....
Total to corresponding date of previous year	4,403,565	51,99,838 8 4	5,07,55,251 20	1,23,78,373 15 0	3,97,748 12 0	1,79,75,961 3 4	1,221,722	2,093,677 3

\* The increase in coaching traffic is due to running of a treasure special and troop extra trains.

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 8TH MAY 1886.			RECEIPTS FOR WEEK ENDING 7TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 8TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 7TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
1,515	10,33,715	682	1,519	10,90,429	718	1,515	55,63,382	3,672	1,519	54,38,394	3,580	.....	1,34

## PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 7th May 1887, on 57½ miles open

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES	
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
Total traffic for the week	13,313	6,124 1 0	56,270 20	4,326 8 0	50 8 0	10,501 1 0	1,486	969
Or per mile of railway	233	107 1 0	983 30	75 10 3	0 14 1	183 9 4	.....	.....
For previous 17 weeks of half-year	232,629	1,24,846 14 0	9,27,902 20	58,162 4 9	946 0 6	1,83,955 3 3	29,368	15,746
Total for 18 weeks	245,942	1,30,970 15 0	9,84,173 0	62,488 12 9	996 8 6	1,94,456 4 8	30,854	16,715
COMPARISON.								
Total for corresponding week of previous year	13,696½	6,245 8 11	74,567 10	5,539 14 0	59 5 9	11,844 12 8	1,337	1,467
Per mile of railway corresponding week of previous year	239	109 3 0	1,393 30	96 13 8	1 0 7	207 1 3	.....	.....
Total to corresponding date of previous year	242,807½	1,20,989 13 0	9,76,873 0	71,287 2 0	951 3 6	2,02,228 2 6	30,760	16,602

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 8TH MAY 1886.			RECEIPTS FOR WEEK ENDING 7TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 8TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 7TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
57½	11,845	207	57½	10,501	184	57½	68,828	1,203	57½	57,31	1,002	.....	11,516

## DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 7th May 1887, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,609	601 13 0	21,731 10	848 13 0	10 8 0	1,461 2 0	310½	183	493½
Or per mile of railway ...	.....	50 2 5	.....	70 11 9	0 14 0	121 12 2	.....	.....	.....
For previous 17 weeks of half-year ...	49,218	8,442 15 0	3,46,983 10	8,921 14 0	119 12 3	17,484 9 3	5,822	2,638	8,460
Total for 11 weeks ...	52,787	9,044 12 0	3,68,714 20	9,770 11 0	130 4 3	18,915 11 3	6,132½	2,821	8,953½
COMPARISON.									
Total for corresponding week of previous year ...	3,782	639 2 3	31,059 0	1,027 9 0	98 3 3	1,764 14 6	207	286	493
Per mile of railway corresponding week of previous year ...	.....	53 4 2	.....	85 10 1	8 3 0	147 1 3	.....	.....	.....
Total to corresponding date of previous year ...	50,302	8,628 8 7	6,26,340 0	10,184 11 0	845 12 6	19,639 0 1	3,825	5,887	9,212

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 5TH MAY 1886.			RECEIPTS FOR WEEK ENDING 7TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 7TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
12	Rs. 1,765	Rs. 147	12	Rs. 1,411	Rs. 122	12	Rs. 7,422	Rs. 619	12	Rs. 6,357	Rs. 530	.....	1,065

## SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 7th May 1887, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	6,968	6,193 4 0	96,496 10	3,787 7 0	129 9 0	10,110 4 0	713	1,359½	2,072½
Or per mile of railway ...	.....	82 12 9	.....	50 10 2	1 11 8	135 2 7	.....	.....	.....
For previous 17 weeks of half-year ...	100,015	76,314 4 0	17,39,800 20	79,637 14 0	1,674 15 9	1,57,647 1 9	12,839½	20,615½	33,455½
Total or 18 weeks ...	106,983	82,507 8 0	18,36,296 30	83,445 5 0	1,804 8 9	1,67,757 5 9	13,552½	21,974½	35,527½
COMPARISON.									
Total for corresponding week of previous year ...	5,850½	4,124 14 10	72,599 20	2,017 7 0	175 8 0	6,317 13 10	642	887	1,529
Per mile of railway corresponding week of previous year ...	.....	55 2 4	.....	26 15 6	2 5 7	84 7 5	.....	.....	.....
Total to corresponding date of previous year ...	102,938	82,380 0 1	15,42,152 10	65,612 6 0	1,912 6 3	1,49,904 12 4	21,383	20,580	41,963

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 5TH MAY 1886.			RECEIPTS FOR WEEK ENDING 7TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 7TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
74½	Rs. 6,318	Rs. 84	74½	Rs. 10,110	Rs. 135	74½	Rs. 43,097	Rs. 576	74½	Rs. 46,822	Rs. 626	3,725	.....

## TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 7th May 1887, on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	19,166	5,042 11 0	4,959 0	211 3 0	5 9 0	5,259 7 0	917	51	968
Or per mile of railway ...	.....	228 19 3	.....	9 7 10	0 4 0	236 6 1	.....	.....	.....
For previous 17 weeks of half-year ...	350,020	96,751 3 0	1,48,497 0	4,993 5 0	114 1 3	1,01,858 9 3	16,257	733	16,990
Total for 18 weeks ...	369,186	1,01,793 14 0	1,53,456 0	5,204 8 0	119 10 3	1,07,118 0 3	17,174	784	17,958
COMPARISON.									
Total for corresponding week of previous year ...	20,134	5,232 1 1	8,025 30	292 4 0	5 6 0	5,529 11 1	919	49	968
Per mile of railway corresponding week of previous year ...	.....	235 2 5	.....	13 2 2	0 3 10	248 8 5	.....	.....	.....
Total to corresponding date of previous year ...	381,084	1,01,666 13 7	2,06,168 10	7,058 4 0	125 9 11	1,08,850 11 6	18,564	2,332	20,896

Approximate Statement of gross receipts of the Tarkessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 8TH MAY 1886.			RECEIPTS FOR WEEK ENDING 7TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 8TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 7TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
22½	5,530	249	22½	5,259	236	22½	36,552	1,643	22½	34,064	1,558	.....	1,888

## INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 7th May 1887, on 42 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,949	1,327 8 6	70,931 0	4,974 7 0	31 14 0	6,333 13 6	175	791	966
Or per mile of railway ...	.....	31 9 9	.....	118 7 0	0 12 2	150 12 11	.....	.....	.....
For previous 17 weeks of half-year ...	44,768	20,714 12 3	8,59,524 10	57,777 3 0	588 0 9	79,080 0 0	3,306	10,050	13,356
Total for 18 weeks ...	47,717	22,042 4 9	9,30,455 10	62,761 10 0	619 14 9	85,413 13 6	3,481	10,841	14,322
COMPARISON.									
Total for corresponding week of previous year ...	2,431	1,136 0 8	18,832 0	1,519 1 0	25 3 9	2,680 5 5	298	290	588
Per mile of railway corresponding week of previous year ...	.....	27 0 9	.....	36 2 8	0 9 8	63 13 1	.....	.....	.....
Total to corresponding date of previous year ...	11,726	5,421 13 2	21,158 20	6,551 7 0	141 14 9	12,115 2 11	1,639	1,553	3,192

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 8TH MAY 1886.			RECEIPTS FOR WEEK ENDING 7TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 8TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 7TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
42	2,68	64	42	6,334	151	42	12,115	285	42	25,324	603	13,209	.....

## EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K. AND D. AND ASSAM-BEHAR SECTIONS.)

Approximate Return of Traffic for week ending 30th April 1887, on 645 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including Steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	149,685(a)	57,770 0 0	7,60,044 0	78,440 0 0	18,570 0 0	1,54,780 0 0	19,906	21,344	42,250
per mile of railway ...	232	90 0 0	1,178 0	122 0 0	...	212 0 0	...	...	...
for previous 16 weeks of half-year ...	2,201,149	10,39,998 0 0	83,34,702 0	12,63,351 0 0	2,04,728 0 0	25,08,077 0 0*	315,273	315,175	630,448
Total for 17 weeks ...	2,350,834	10,97,768 0 0	90,94,746 0	13,41,791 0 0	2,23,298 0 0	26,62,857 0 0	335,179	337,519	672,698
COMPARISON.									
Total for corresponding week of previous year ...	114,764	58,194 0 0	8,97,686 0	85,610 0 0	19,231 0 0	1,63,635 0 0	17,229	26,516	37,745
per mile of railway, corresponding period of previous year ...	189	96 0 0	1,481 0	141 0 0	...	237 0 0	...	...	...
Total to corresponding date of previous year ...	2,209,034	10,16,236 0 0	1,05,04,391 0	13,40,092 0 0	2,23,235 0 0	2,79,473 0 0	296,365	372,376	668,741

\* Audited up to week ending 5th March 1887.

(a) Includes season tickets.

NOTE.—Dacca and Assam-Bihar sections are also published separately.

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 1ST MAY 1886.			RECEIPTS FOR WEEK ENDING 30TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 1ST MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 30TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Receipts.	Per mile worked.	Mean mileage worked.	(3 weeks) Total receipts.	Per mile worked.	Mean mileage worked.	(3 weeks) Total receipts.	Per mile worked.	Mean mileage worked.		
	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
606	1,03,035	209	645	1,54,780	240	606	6,10,626	232	645	5,95,614	231	.....	15,012

## BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 30th April 1887, on 125 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	26,727	8,640 0 0	47,170 0	3,070 0 0	40 0 0	11,750 0 0	5,786	1,424	5,210
per mile of railway ...	214	69 0 0	377 0	25 0 0	...	94 0 0	...	...	...
for previous 16 weeks of half-year ...	390,884	1,38,040 0 0	5,62,479 0	37,821 0 0	771 0 0	1,76,632 0 0*	61,210	23,223	84,433
Total for 17 weeks ...	417,611	1,46,680 0 0	6,09,649 0	40,891 0 0	811 0 0	1,88,532 0 0	64,996	24,647	89,643
COMPARISON.									
Total for corresponding week of previous year ...	24,655	8,111 0 0	39,863 0	2,610 0 0	23 0 0	10,744 0 0	3,734	1,476	5,210
per mile of railway, corresponding period of previous year ...	197	65 0 0	319 0	21 0 0	...	86 0 0	...	...	...
Total to corresponding date of previous year ...	421,323	1,47,927 0 0	6,74,906 0	37,854 0 0	483 0 0	1,86,264 0 0	66,647	23,541	90,188

\* Audited up to week ending 5th March 1887.

## FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

RECEIPTS FOR WEEK ENDING 1ST MAY 1886.			RECEIPTS FOR WEEK ENDING 30TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 1ST MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 30TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
125	10,744	86	125	11,750	94	125	47,911	96	125	45,143	92	.....	1,903



## ASSAM-BEHAR STATE RAILWAY.

## PURNEAH SECTION.

Approximate Return of Traffic for week ended 30th April 1887, on 39 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,733	950 0 0	31,000 0	2,850 0 0	10 0 0	3,810 0 0	470	608	1,078
Or per mile of railway ...	70	24 0 0	795 0	73 0 0	.....	97 0 0	.....	.....	.....
For previous 3 weeks of half-year ...	7,878	2,746 0 0	59,626 0	6,205 0 0	40 0 0	8,991 0 0	1,544	1,998	3,542
Total for 4 weeks ...	10,611	3,696 0 0	90,626 0	9,055 0 0	50 0 0	12,801 0 0	2,014	2,606	4,620
COMPARISON.									
Total for corresponding week of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Per mile of railway corresponding period of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Assam-Bihar State Railway.

RECEIPTS FOR WEEK ENDING 1ST MAY 1886.			RECEIPTS FOR WEEK ENDING 30TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 1ST MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 30TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
.....	Rs.	Rs.	39	Rs.	Rs.	.....	Rs.	Rs.	39	Rs.	Rs.	Rs.	Rs.
.....	.....	.....	39	3,810	98	.....	.....	.....	39	12,801	82	12,801	.....

## DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 30th April 1887, on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	11,500	3,600 0 0	42,059 0	1,820 0 0	50 0 0	5,470 0 0	2,207	2,351 (a)	4,558
Or per mile of railway ...	134	42 0 0	489 0	21 0 0	.....	63 0 0	.....	.....	.....
For previous 16 weeks of half-year ...	211,846	72,750 0 0	2,74,616 0	24,848 0 0	2,369 0 0	99,967 0 0*	35,652	17,920	53,572
Total for 17 weeks ...	223,346	76,350 0 0	3,16,675 0	26,668 0 0	2,419 0 0	1,05,437 0 0	37,859	20,271	58,130
COMPARISON.									
Total for corresponding week of previous year ...	9,262	2,901 0 0	1,07,515 0†	4,992 0 0†	728 0 0	8,621 0 0	933	1,850	2,783
Per mile of railway, corresponding period of previous year ...	108	34 0 0	1,250 0	58 0 0	.....	92 0 0	.....	.....	.....
Total to corresponding date of previous year ...	166,006	46,443 0 0	3,10,037 0	26,660 0 0	4,689 0 0	77,792 0 0	15,972	30,509	46,481

\* Audited up to week ending 5th March 1887.

† Includes ballast train Rs. 4,600.

(a) Ditto ditto mileage for the whole month.

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR WEEK ENDING 1ST MAY 1886.			RECEIPTS FOR WEEK ENDING 30TH APRIL 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 1ST MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 30TH APRIL 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
86	Rs.	Rs.	86	Rs.	Rs.	86	Rs.	Rs.	86	Rs.	Rs.	Rs.	Rs.
86	8,621	100	86	5,470	64	86	22,490	65	86	21,070	61	.....	.....

## TIRHOOT STATE RAILWAY.

*Approximate Return of Traffic for the week ending 7th May 1887, on 249 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 249 miles open ...	41,855	15,482 4 8	1,85,689 30	17,556 11 0	3,551 14 8	36,590 14 4	5,577	6,457	12,034
Or per mile of railway ...	180	62 3 0	746 0	70 8 0	3 0 0	135 11 0*	...	...	...
For previous 17 weeks of half-year ...	645,071	2,51,878 11 4	27,90,633 10	2,77,876 5 0	53,536 1 4	5,84,291 1 8	95,117	98,717	1,93,834
Total for 18 weeks ...	690,526	2,68,361 0 0	29,76,323 0	2,95,433 0 0	57,088 0 0	6,20,882 0 0	1,00,694	1,05,174	2,05,868
COMPARISON.									
Total for corresponding week of previous year on 246 miles open ...	38,605	14,636 5 11	1,64,258 10	14,216 10 0	4,177 7 9	33,030 7 8	6,033	5,642	11,675
Per mile of railway corresponding week of previous year ...	157	59 8 0	668 0	57 13 0	4 10 0	121 15 0*	...	...	...
Total to corresponding date of previous year ...	635,461	2,24,428 0 8	23,04,209 10	2,27,838 15 3	53,913 5 8	5,95,230 5 7	83,643	90,267	1,73,910

\* Steam-boat earnings excluded in calculating "Total earnings per mile of railway."

## FINANCIAL YEAR.

*Approximate Statement of gross receipts of the Tirhoot State Railway.*

RECEIPTS FOR WEEK ENDING 7TH MAY 1886.			RECEIPTS FOR WEEK ENDING 7TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 8TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 7TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
249	33,030	134	249	36,591	147	249	1,75,381	713	249	2,07,869	833	32,469	.....

## NALHATI STATE RAILWAY.

*Approximate Return of Traffic for the week ending 7th May 1887, on 27½ miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,020	1,176 7 2	10,415 30	767 5 0	12 11 0	1,896 7 2	569	254	763
Or per mile of railway ...	111	43 3 0	382 0	25 15 0	0 7 0	69 9 0	...	...	...
For previous 17 weeks of half-year ...	51,242	19,311 8 10	2,52,229 10	13,218 11 0	467 5 0	32,997 8 10	8,735	5,987	14,712
Total for 18 weeks ...	54,371	20,488 0 0	2,42,645 0	13,926 0 0	480 0 0	34,894 0 0	9,254	6,241	15,475
COMPARISON.									
Total for corresponding week of previous year ...	2,348	1,016 8 9	6,810 30	545 4 0	14 0 0	1,575 12 9	569	254	763
Per mile of railway corresponding week of previous year ...	86	37 5 0	250 0	20 0 0	0 8 0	57 13 0	...	...	...
Total to corresponding date of previous year ...	46,967	18,654 6 11	1,54,549 20	11,506 2 6	383 5 0	30,543 14 5	9,307	4,863	14,170

## FINANCIAL YEAR.

*Approximate Statement of gross receipts of the Nalhati State Railway.*

RECEIPTS FOR WEEK ENDING 8TH MAY 1886.			RECEIPTS FOR WEEK ENDING 7TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 8TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 7TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
27½	1,575	56	27½	1,896	70	27½	9,988	367	27½	11,033	405	1,045	.....

## DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

							Rs.	A.	P.
Approximate earnings for week ending 30th April 1887	...	...	...	...	...	...	9,425	0	0
Corresponding week last year	...	...	...	...	...	...	10,053	0	0
Decrease	...	...	...	...	...	...	628	0	0
Receipts from 1st January to 30th April 1887	...	...	...	...	...	...	1,18,242	0	0
From 1st January to 1st May 1886	...	...	...	...	...	...	1,39,203	0	0
Decrease	...	...	...	...	...	...	20,961	0	0
Miles open, week ending 30th April 1887	...	...	...	...	...	...	51		
Corresponding week last year	...	...	...	...	...	...	50½		
Increase	...	...	...	...	...	...	½		
Receipts per mile open, week ending 30th April 1887	...	...	...	...	...	...	184	12	11
Corresponding week last year	...	...	...	...	...	...	198	1	5
Decrease	...	...	...	...	...	...	13	4	6

CHIEF OFFICE, DARJEELING, the 10th May 1887.

W. STEVENSON, Secretary, D. H. Ry.

## DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

							Rs.		
Approximate earnings for week ending 7th May 1887...	...	...	...	...	...	...	9,487		
Corresponding week last year	...	...	...	...	...	...	11,716		
Decrease	...	...	...	...	...	...	2,229		
Receipts from 1st January to 7th May 1887	...	...	...	...	...	...	1,27,729		
From 1st January to 5th May 1886	...	...	...	...	...	...	1,50,920		
Decrease	...	...	...	...	...	...	23,191		
Miles open week ending 7th May 1887	...	...	...	...	...	...	51		
Corresponding week last year	...	...	...	...	...	...	50½		
Increase	...	...	...	...	...	...	½		
Receipts per mile open week ending 7th May 1887	...	...	...	...	...	...	186	0	4
Corresponding week last year	...	...	...	...	...	...	230	13	9
Decrease	...	...	...	...	...	...	44	13	5

CHIEF OFFICE, DARJEELING, 14th May 1887.

W. STEVENSON, Secretary, D. H. Ry.



# SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, MAY 25, 1887.

## OFFICIAL PAPERS.

*Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

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### TRANSFER OF THE BERHAMPORE COLLEGE AND THE COLLEGIATE SCHOOL TO LOCAL MANAGEMENT.

#### GENERAL DEPARTMENT—EDUCATION.

Calcutta, the 14th May 1887.

#### RESOLUTION.

READ the following papers on the subject of the proposed transfer of the Berhampore College to local management :—

Government Resolution, dated the 18th June 1886.

Letter from the Commissioner of the Presidency Division, No. 5ME, dated the 29th December 1886, and its enclosures.

Letter from the Director of Public Instruction, No. 1213, dated 12th February 1887, and its enclosures.

In the Resolution, dated 18th June 1886, a summary was given of the recommendations made by the Education Committee and approved by the Government of India, on the subject of the gradual withdrawal of the State from the immediate management of Colleges; and it was stated that, in pursuance of the policy thus deliberately adopted, it would be necessary, in the Lieutenant-Governor's opinion, to make some arrangement before the 1st of May 1887 for the transfer to private managers of the Midnapore and Berhampore Colleges. Sir Rivers Thompson at the same time expressed his confident anticipation that the public spirit and interest in high education, for which the two districts immediately affected are remarkable, would not be wanting to maintain the two Colleges, with such support as this Government would give under the ordinary grant-in-aid rules. The results have justified this anticipation. Sanction was given in November last to the transfer of the Midnapore College to the management of the local municipality with a grant from Government. In the case of the Berhampore College, the London



Missionary Society represented that they were prepared to take over the management, after transfer of the more costly portion of the teaching staff, on condition of receiving from Government a grant-in-aid of Rs. 300 a month, together with a special grant of Rs. 100 a month, so long as the remainder of the Government staff should not be transferred. Another offer has been received from Maharani Sarnamayi, c.i., of Cossimbazar, in the Moorshedabad district, who promises to contribute Rs. 1,000 per mensem for five years towards the cost of the Berhampore College, thus relieving the State altogether from the burden of its support, on condition that the management of the College is made over to a Board of Trustees whom she has nominated. This munificent proposal the Lieutenant-Governor has decided to accept in preference to the offer made by the London Mission Society. The Lieutenant-Governor has been led to this decision by regard to the unanimous opinion of the Education Commission that Government colleges should be transferred for management rather to native bodies than to missionary societies, and also with regard to the fact that Maharani Sarnamayi's contribution will give the greater relief to public funds.

2. In accordance with the proposals made by Maharani Sarnamayi, the Berhampore College, and the school attached to it, will have in future an establishment costing Rs. 1,199 rising to Rs. 1,399 a month. The control of the College, administrative and financial, will vest in a Board consisting of seven Trustees, the District Judge and the District Magistrate for the time being, Babu Boikanta Nath Sen, B.L., Babu Srinath Pal, B.L., Babu Shama Dass Roy, Dr. Ram Dass Sen, zemindar, and Babu Gopal Chunder Mookerjee, M.A., B.L., Pleader of the Judge's Court, Moorshedabad. The following members of the existing staff of the College and School will be transferred to other posts in Government service, viz., the Principal, the Assistant Professor of Sanskrit, the Lecturer in Physics, the Head-master of the Collegiate School, the Second Master of the Collegiate School. Future appointments will be made by the Board of Trustees, but the Director of Public Instruction will be always ready to give the assistance of his advice should it be required for the purpose of securing a suitable selection. The Lieutenant-Governor desires to see the inter-school rules made for the common benefit of educational institutions observed in the Berhampore Collegiate School. The Lieutenant-Governor sanctions the transfer of the following funds to the management of the Board of Trustees:—

The *Hostel Fund*—Consisting of Rs. 14,000 invested in Government 4 per cent. paper, and yielding an annual income of Rs. 560.

The *Building Fund*—Consisting of Rs. 14,000 invested in 4 per cent. Government paper, yielding an annual income of Rs. 560.

The *Rajib Lochan Scholarship Fund*—Consisting of Rs. 15,000 invested in 4 per cent. Government securities, yielding an annual income of Rs. 600.

3. It is stipulated that the first-named fund shall be devoted to the maintenance of the hostel attached to the Collegiate School. The Building Fund may be devoted as proposed by Maharani Sarnamayi to the creation of scholarships. The Rajib Lochan Scholarship Fund will continue to be applied to its present uses.

4. On the terms and conditions which have been above stated, the Berhampore College and School may at once be transferred to the Board of Trustees.

5. Finally, the Lieutenant-Governor tenders his cordial thanks to Maharani Sarnamayi for her munificent endowment, which is one of a long succession of splendid gifts which she has made for the benefit of the public.

ORDER—Ordered that a copy of this Resolution be published in the *Calcutta Gazette*, and that a copy of it be forwarded to the Director of Public Instruction for information, and to the Commissioner of the Presidency Division for information and communication to Maharani Sarnamayi.

Ordered also that a copy be forwarded to the Government of India in the Home Department for information, with reference to the correspondence ending with Mr. MacDonnell's letter No. 206, dated 9th July 1886.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

Secretary to the Govt. of Bengal.

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SCHOLARSHIP FOUNDED BY BABOO BENI MADHU GHOSE, OF  
BELGHORIA, IN THE DISTRICT OF THE 24-PERGUNNAHS.

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GENERAL DEPARTMENT—EDUCATION.

*Calcutta, the 19th May 1887.*

RESOLUTION.

READ—

An endorsement from the Director of Public Instruction, No. 3196, dated 6th May 1887, and its annexures, regarding a scholarship founded by Baboo Beni Madhu Ghose of Belghoria, in the district of the 24-Pergunnahs.

Baboo Beni Madhu Ghose of Belghoria, in the 24-Pergunnahs district, has forwarded to the Inspector of Schools, Presidency Circle, through the Committee of the Belghoria Aided Middle Vernacular School, Government promissory notes for Rs. 600, in order to provide for the annual award from the interest thereof, of a scholarship of the value of Rs. 2 a month tenable for one year. Baboo Beni Madhu Ghose desires that the scholarship should be called "Beni Madhu's scholarship," and that it should be awarded to the first successful candidate sent up for the Middle English or Middle Vernacular Scholarship Examination from the Belghoria Middle School, who may not obtain a Government scholarship. Should no pupil from the Belghoria school successfully pass the final examination in any year, the scholarship is to be kept in reserve for award to a successful candidate of the year following, and should the status of the Belghoria school be at any time changed, the scholarship is to be awarded to successful students from the school on the terms set forth above, notwithstanding the change in the status of the school.

The Lieutenant-Governor is pleased to accept the donation made by Baboo Beni Madhu Ghose, and tenders his thanks to him for his liberality. The Inspector of Schools, Presidency Circle, will be the administrator of the fund.

ORDER.—Ordered that a copy of this Resolution be published in the *Calcutta Gazette*, and that a copy of it be forwarded to the Director of Public Instruction for information and communication to Baboo Beni Madhu Ghose of Belghoria.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

*Secretary to the Govt. of Bengal.*

AWARD OF A MEDAL BY RAJA PROMOTHO BHUSAN DEB ROY OF  
NALDANGA, IN THE JESSORE DISTRICT, IN ENCOURAGE-  
MENT OF FEMALE EDUCATION.

GENERAL DEPARTMENT—EDUCATION.

*Calcutta, the 21st May 1887.*

RESOLUTION.

READ—

Endorsement from the Commissioner of the Presidency Division, No. 74MG, dated 14th March 1887, and its annexure.

Letter from the Director of Public Instruction, No. 3232, dated 9th May 1887.

In commemoration of the Jubilee year of the reign of Her Majesty the Queen, Empress of India, Raja Promotho Bhusan Deb Roy of Naldanga, in the Jessore district, has made over to the Magistrate of Jessore stock-notes of the value of Rs. 625, in order that, from the annual interest thereof, a gold medal, of the value of Rs. 25, may be awarded to the girl who does best among all the girls of the girls' schools in the district at the annual examination. The Director of Public Instruction recommends that this medal should be awarded to the girl who stands highest in the list of passed candidates in the Jessore district at the middle scholarship examination, or, in the event of no such candidate passing in any year, to the girl who stands highest at the upper primary scholarship examination in the district of Jessore.

2. Sir Steuart Bayley accepts with pleasure the donation made by Raja Promotho Bhusan Deb Roy, and tenders his thanks to him for his liberality. The medal will be called the "Jubilee Medal," and will be awarded in the manner proposed by the Director of Public Instruction. The Magistrate of Jessore will be the administrator of the Fund.

ORDER.—Ordered that a copy of this Resolution be published in the *Calcutta Gazette*, and that a copy of it be forwarded to the Commissioner of the Presidency Division for information and communication to the donor.

Ordered also that a copy of the Resolution be forwarded to the Director of Public Instruction for information.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

*Secretary to the Govt. of Bengal,*



# REPORT OF THE HEALTH OFFICER OF THE PORT OF CALCUTTA FOR THE YEAR 1886.

MUNICIPAL DEPARTMENT—MARINE.

*Calcutta, the 20th May 1887.*

## RESOLUTION.

## READ—

A letter No. 1652RA, dated the 24th February 1887, from the Sanitary Commissioner for Bengal, submitting the Report of the Health Officer of the Port of Calcutta for the year 1886.

Dr. Lynch was the Health Officer of the Port of Calcutta for nearly six months of the year. During his absence, on leave, Dr. Vincent Richards was in charge. The report is submitted by Dr. Lynch through the Sanitary Commissioner.

2. The report shows that 1,516 vessels were inspected during the year against 1,406 in 1885 and 1,197 in 1884. The increase was entirely in the number of outward-bound vessels, and was due to the new system of granting bills-of-health. There was an actual decrease in the number of inward-bound vessels inspected, the number being 712 against 780 in the preceding year. This decrease was in the number of coasting vessels inspected, it not being necessary to inspect these at each return visit.

3. The average number of European seamen in the port was 2,326 against 1,693 in the previous year, the total number of arrivals being 23,696 against 21,449. The increase in the average number was mainly caused by vessels staying longer in port owing to low freight; the average number in port being 100, whereas in 1885 it was 75.

As regards the health of European seamen in the port, the year under review compares unfavourably with the preceding year, though it is very much better than the year 1884. If deaths out of hospital are included, the death-rate of the three years is as follows:—

			Cholera.	Other causes.	Total.
1884	...	...	21.96	41.57	63.53
1885	...	...	4.72	25.99	30.71
1886	...	...	11.61	33.53	45.14

It is necessary to include deaths outside hospitals, as conclusions derived from hospital statistics alone are liable to be affected in a number of ways. If the number of beds available remains the same while the population increases, it is obvious that the number of deaths in hospital will bear a smaller and smaller ratio to the total population; also as cases of a more trifling character are excluded from hospital, while those admitted stay a longer average time there, there is a decrease in the number of admissions. A sudden increase in the number of beds would affect the returns in an opposite direction.

4. There was a considerable increase in the number of fatal cases of cholera, 27 deaths having occurred against 8 in the previous year. It is to be observed, however, that 1885 was an especially favourable year in regard to cholera. The rate of mortality in 1886 was much lower than in any of the four years preceding 1885. Enteric fever shows an increase from 4 admissions to hospital with one death in 1885 to 12 admissions with 4 deaths in 1886. The Lieutenant-Governor would have liked to see some notice of these cases, and some attempt to explain the increase, in the Report. On the other hand, it is satisfactory to observe that there were no deaths from either scurvy or small-pox. There was regrettable increase in the number of deaths from sunstroke on board ship from 1 to 5, which seems to point to a relaxation in the endeavours, which were favourably noticed in the last Resolution, to prevent unnecessary exposure of sailors while at their work. The Port Commissioners will be asked to call the attention of masters of vessels to the notice published by them on this subject on 22nd August 1884.

At sea there were 41 deaths amongst European seamen against 46 in the previous year.

5. Last year it was remarked that there had been no increase of venereal disease among the European seamen, notwithstanding the withdrawal of the Contagious Diseases Act from Calcutta. This year, however, there has been



a very great increase. The following are the figures for the present and the three preceding years:—

Year.	Total number of admissions into hospital.
1883 ... ..	237
1884 ... ..	184
1885 ... ..	170
1886 ... ..	417

6. Out of four steamers which arrived during the year with pilgrims from Mecca, one had small-pox on board, of which no intimation was given by the master. Another steamer arrived from England with cases of small-pox on board, but in this instance due notice was given by the master. Seven cases of scurvy were found in five vessels. Two of these vessels were from Liverpool, one from Mauritius, and two from New York. In the case of one of the ships arriving from New York, it was ascertained that the crew were supplied with an inferior kind of biscuit, and that their food was cooked badly. The lime-juice supplied to them was, moreover, seriously deficient in strength. The Sanitary Commissioner calls special attention to the decision of the Shipping Master, that the case of this vessel does not come under the provisions of the Merchant Shipping Act of 1867 respecting medicines, medical stores, and anti-scorbutics. He will be asked to report separately on this point. Several cases of scurvy were also found among the lascars on board a vessel arriving from Muscat. The lime-juice on board was analysed and found good. No vegetables were, however, supplied to the crew. The reason given was that vegetables are found with the greatest difficulty in Muscat. This explanation is not sufficient. If vegetables are not procurable at Muscat, a double supply should have been taken from India on the outward voyage.

7. The sanitary condition of the river has not been wholly satisfactory. Dead bodies continue to float down the river in large numbers; 70 human bodies and 4,853 carcasses of animals were found floating, and dealt with by the Water-police, as against 50 and 4,136 in 1885, and 86 and 3,975 in 1884. It is probable, as observed by Dr. Lidderdale, that this evil might be mitigated by the exercise of greater vigilance at the burning ghâts in the thickly populated riparian tracts above Calcutta. The attention of the Commissioners of the Presidency and Burdwan Divisions will be drawn to the matter. Besides this source of pollution, sewage still finds its way into the river in various ways pointed out by the Sanitary Commissioner. From Fort William part of the sewage flows into the river, and the attention of the Government of India has been called to this. The drainage, including the contents of the sewers of a large bazar of the town of Howrah, is discharged into the river. The Sanitary Commissioner is doing his utmost to remedy this, and a copy of his remarks will be sent to the Municipality. Complaint is still made of the defective state of the conservancy of Tolly's Nullah and of the khal running through the King of Oudh's premises. The Sanitary Commissioner will be separately asked to report whether any improvement has been effected by the action taken by the Magistrate of the 24-Pergunnahs and Chairman of the Municipality in August last under the Penal Code and the municipal bye-laws. Flushing inlet to No. 3 main drain at the jetties has had its gradient altered, and it is hoped that this will remedy the evils complained of. The condition of flushing inlet to No. 4 main drain has engaged the attention of the Municipal Commissioners. The Sanitary Commissioner will be asked to report how far the action taken proves successful in mitigating the nuisance on the riverbank. The latrines are reported to be defective in construction and not large enough for the numbers frequenting them, and sewage escapes from them into the river. A copy of the remarks on the latrine in the Port Commissioners' dock at Howrah will be sent to the Port Commissioners for consideration.

8. In his report for 1885 the Health Officer remarked that the present plan of conveying water to the shipping by means of iron tanks placed in country boats was open to objection, as the lids of the tanks were not always kept closed, and there was danger that the men in charge, who spent most of their time on the top of the tanks, would convey impurities to the water. He therefore recommended the construction of suitable water-tank boats, in compartments, with the water inaccessible except through the pump,

and with proper facilities for cleaning. The attention of the Calcutta Municipality was drawn to the matter, but it appears that on financial grounds that body was not able to take action in the matter. The Health Officer now suggests that an addition of one anna per 1,000 gallons to the charge for filtered water would not be felt as a grievance, and would quickly repay the outlay. Dr. Lidderdale suggests that the Port Commissioners should purchase the water from the Corporation and undertake its distribution. A copy of their remarks will be sent to the Corporation and to the Port Commissioners for consideration.

9. The Health Officer has represented the difficulty and inconvenience which he experienced in carrying on his duties during the early part of the year in consequence of the detention of his steam-launch in the dockyard for repairs. He suggests that if he were permitted to make contracts in the open market, he would be able to superintend the carrying out of his own estimates, and economy and efficiency would be secured. This question is being separately considered.

10. The Lieutenant-Governor endorses the commendation bestowed upon Dr. Lynch and Dr. Richards by the Sanitary Commissioner for the care and efficiency with which they carried on their duties during the year. His Honour also notices with pleasure that the native Sanitary Inspector is reported to have given satisfaction.

By order of the Lieutenant-Governor of Bengal,

COLMAN MACAULAY,

*Secretary to the Government of Bengal.*

**RESOLUTION ON THE ANNUAL REPORT ON THE WORKING OF  
ACT I OF 1882, THE INLAND EMIGRATION ACT, IN THE  
DISTRICT OF CHITTAGONG DURING THE YEAR 1886.**

GENERAL DEPARTMENT—INLAND EMIGRATION.

*Calcutta, the 25th May 1887.*

RESOLUTION.

READ—

Memorandum No. 293GM, dated 5th April 1887, from the Commissioner of Chittagong, and enclosed reports from the Magistrate of Chittagong and the Deputy Commissioner of the Chittagong Hill Tracts, on the working of the Inland Emigration Act I of 1882 during the year 1886.

The figures given in the Magistrate's report are complete only as regards labourers who have executed contracts under Act I of 1882. These are employed on nine tea-gardens, all in the district of Chittagong, and their numbers during the last two years are compared in the following statement:—

					Labourers under the Act.	
					1885.	1886.
Total at beginning of the year	...	...	...	...	915	723
Deduct during the year	...	...	...	...	335	205
Balance	...	...	...	...	580	518
Add during the year	...	...	...	...	143	199
Total at end of the year	...	...	...	...	723	717

2. Of the labourers added during the year, only 50 were imported from outside, while 121 persons executed local contracts under sections 111 and 112 of the Act. Of those deducted the contracts of 130 expired during the year, 22 died, 22 deserted, and the rest are otherwise accounted for. The deaths, which were chiefly caused by fever and bowel-complaints, were at the rate of 30 in the thousand. The exceptional mortality noticed in last year's report in regard to the Fatikcherra Estate, and which was attributed to defects in the water-supply, has disappeared, apparently in consequence of the sinking of a well from which excellent water is pumped into a cistern. Six of the nine gardens employing labourers under the Act were inspected during the year, and five gardens not employing Act labourers were also visited. Of the three gardens employing Act labourers, which are not visited, one is situated in the station cantonments, and the other two employed together only 11 Act labourers. The Lieutenant-Governor must again, as in last year's Resolution, call the Magistrate's attention to the rule which requires that all gardens which come under the provisions of the Act shall be inspected at least once during the year. The average earnings of labourers, as noticed during inspections, are said to have amounted to Rs. 4-10-5 per month exclusive of sums paid for occasional job work. The Magistrate writes on this subject:—

“ Out of this a coolie has to keep himself. The amount is not a large one, but there are many circumstances which are to be taken into consideration. With this rate of wage an ordinary labourer in the mofussil can maintain himself on Rs. 2 to Rs. 2-8 per month. Besides this, the coolie has no rent to pay for his land; he has nothing to spend in repairs to his house; he has a garden given him, where he can sow vegetables sufficient for the consumption of himself and his family, and each time he re-engages he is given a bonus, usually ten rupees and a blanket. Moreover, as in this report, no tikha pice are to be shown; the average rate is not shown as high as it might be. In the Sungoo Tea Estate during the plucking season the average earnings of the coolies amounted to Rs. 13.”

It is also stated that, according to the general custom of the gardens, coolies are not forced to work when they are unwilling to go out, and that the general average of wages as shewn above is lowered by non-working coolies. Only one labourer in the district was punished under Act I of 1882 for desertion during the year, against 15 persons convicted for desertion and unlawful

absence from labour in 1885. The coolies on the Ropley Tea Estate struck work in May 1886, and on a complaint that they were not properly paid, the Inspector made a local investigation, with the result that the complaint was pronounced to be untrue. On this estate, however, the Inspector found it necessary to intervene on behalf of the labourers in order to ensure that their wages for Sundays should be calculated in accordance with section 116 of the Act.

3. On the whole, the Act is said to work smoothly in the district. The Magistrate writes on this subject as follows:—

“The results of the inspections recorded are satisfactory as showing that the coolies are well treated by their employers, and are happy and contented with their lot. Each garden has its own hāt, and no fee is demanded by the manager from the villagers who come to sell on hāt days; there is always an abundant supply of provisions for the coolies. There is, too, on most gardens a moody's shop where oil, salt, &c., are sold at moderate prices to the coolies. With regard to their houses, managers find it to be the best policy to allow their coolies to build houses for themselves as they like best, due regard of course being had, as much as possible, to sanitary arrangements, the prevention of disease, and the spread of contagious diseases. Thus a coolie line is more like the ordinary Bengali bustee than anything else, each house having its own yard, small vegetable garden and cow-house, and many have stocks of cattle and poultry and a patch of cultivation for rice free of rent. The hospital accommodation and supply of medicines is good on all estates; and when a coolie is seriously ill, beyond the capacities of the ordinary doctor Baboo, he is sent in to head-quarters for treatment at the municipal hospital.”

4. A memorial was received by the Lieutenant-Governor during the year from employers of labour in Chittagong for the extension of Act XIII of 1859 to the Chittagong district. Similar proposals had been made in 1881, and had been then rejected after full consideration; and the Lieutenant-Governor was of opinion that no sufficient grounds were shown by the memorialists for a reconsideration of the former decision. It is to be hoped that the time is not far distant when the necessity for any special law of contract in the Chittagong district will have ceased to exist.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

*Secretary to the Govt. of Bengal.*



## Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 21st May 1887.

No.	District and date of return.	Rainfall at Sudder station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
<b>BENGAL.</b>			
<i>Western Districts.</i>			
<b>BURDWAN DIV.</b>	1 Burdwan. May 21, '87	Nil	Weather—dry, with great heat. Prospects of crops good, but rain wanted. Rice still cheap. Fever has appeared in the head-quarters thanas.
	2 Cutwa „ 21, '87	0.09	Weather—sultry. Rain much wanted. Sowings retarded owing to drought. Prices stationary. Public health good.
	3 Bankoora „ 21, '87	Nil	Weather—unsettled, with high winds and cloudy skies. Rain wanted for ploughings. Manure is being extensively used but cannot be spread over the fields in the absence of a heavy shower. Public health continues fairly good, but cholera is reported from Naihati.
	4 Beerbhoom „ 21, „	0.02	Weather—rather warm. Lands are being ploughed. Prospects continue good.
	5 Rampore Haut „ 21, '87	0.11	Weather—unusually hot. <i>Aus</i> and jute sowings have commenced, but more rain is wanted, especially in Jehanabad. General health good.
	6 Midnapore „ 21, „	Nil	Weather—still and oppressively hot. Lands are being prepared. <i>Boro</i> crop is nearly all reaped. Sugarcane is being planted.
<b>PRESDENCY DIV.</b>	7 Hooghly „ 21, „	Nil	
	8 Serampur „ 21, „	1.51	
	9 Jehanabad „ 21, '87	0.47	
	10 Howrah „ 21, '87	Nil	
	<i>Central Districts.</i>		
	11 24-Pergha „ May 21, '87	Nil	Weather—exceedingly hot. Sugarcane doing well. Ploughing continues. Sowing of jute and <i>aus</i> has begun. Public health fairly good.
	12 Nuddea „ 21, „	0.96	Weather—very hot. Sowing of <i>aus</i> in progress; that sown on low lands already coming up; rain wanted. Indigo doing well. Cholera prevalent in Kushtea.
	13 Kushtea „ „	0.23	
	14 Meherpore „ „	0.22	
	15 Chundanga „ „	Nil	
<b>RAJSHAHY DIV.</b>	16 Ranaghat „ 21, '87	0.63	Weather—very hot, with slight wind. Ploughing for <i>aman</i> crop going on briskly. Public health good.
	17 Khoolna „ 21, „	Nil	Weather—very hot. <i>Aman</i> and <i>aus</i> sowings are nearly over. Prospects good. More rain wanted. Cholera has abated.
	18 Jessore „ 21, „	0.54	
	19 Jhenidah „ 21, „	0.47	
	20 Magurah „ „	1.16	
	21 Narail „ „	0.75	
	22 Bongong „ „	0.18	
	23 Moorshedabad „ 21, '87	0.41	Weather—very hot; last two afternoons stormy. Prospects of <i>bhadoi</i> good. <i>Boro</i> paddy harvested. Transplanting of sugarcane in Kandi sub-division progressing. Public health good.
	24 Lalbagh „ „	0.41	
	25 Kandi „ „	0.12	
<b>RAJSHAHY DIV.</b>	26 Jungipore „ „	0.54	
	27 Dinagepore „ 21, '87	0.10	Weather—hot, with east wind. Prospects of <i>bhadoi</i> crops good. Rice 25 seers per rupee. Public health fair.
	28 Thakurgaon „ „	Nil	Weather—very hot. Rain most urgently wanted. Public health fair.
	29 Rajshah „ 21, '87	Nil	Crops doing fairly well. Heavy rain fell on two days. More rain wanted in Nilphamari. Fever prevalent, but cholera diminishing, especially in the Kurigram sub-division.
	30 Kurigram „ 21, „	1.64	
	31 Gaibanda „ „	3.91	
	32 Nilphamari „ „	2.36	
	33 Bogra „ 21, '87	0.26	Weather—very hot. Clouds appeared with thunder and lightning on several occasions, but very little rain fell. Rain much wanted to facilitate sowings as well as for early rice and jute. Public health fair. A few cases of cattle-disease still reported from thana Khetlal.
	34 Sherpur „ „	0.59	Weather—excessively hot. Crops doing well. Cholera dying out. General health good.
	35 Nowkhilla „ „	0.09	Weather—warm, but cloudy. Prospects of crops good. Public health fair.
<b>DAKSHIN DIV.</b>	36 Pabna „ 21, '87	0.20	Very close and muggy weather, but nights cool, and heavy rain on several nights. Prospects of early rice very good, though weeds are growing, and a little sunshine is wanted to dry the ground for weeding. Jute has suffered so much for excess of rain that it is hopeless to expect a good crop this year. Cholera prevalent, but abating.
	37 Serajgunge „ „	1.56	
	38 Darjeeling „ 21, '87	0.31	
	39 Jalpigore „ 21, „	5.71	
	<i>Eastern Districts.</i>		
	40 Dacca May 21, '87	0.49	Weather—very hot. More rain wanted. <i>Aman</i> and <i>aus</i> paddy are being sown. Cutting of <i>boro</i> paddy has nearly been completed. Prospects of crops good. Public health generally good.
	41 Manickgunge „ „	0.61	
	42 Munshigunge „ „	0.56	
	43 Naraingunge „ „	1.42	
	44 Farredpore „ 21, '87	0.25	Weather—hot; stormy in the evenings. Prospects of all crops satisfactory. Public health good.
	45 Goalundo „ „	0.37	
	46 Madaripore „ „	0.89	
	47 Backergunge „ 20, '87	Nil	Weather—very hot and dry. Prospect of crops good. Sowing of <i>aus</i> is nearly over. General health somewhat better. Cholera prevails in some stations.
	48 Mymensingh „ 20 „	1.79	Weather—close and hot; storms with heavy rain. Prospects of crops good.
<b>CHITTAGONG DIV.</b>	49 Jamalpur „ „	3.41	
	50 Kishoregunge „ „	1.73	
	51 Attia „ „	1.29	
	52 Netrokona „ „	1.04	
	53 Chittagong „ 23, '87	0.82	Weather—hot. Prospects of crops fair. <i>Aus</i> is being transplanted. Cholera yet lingers. Public health good. Prices steady.
	54 Noakhally „ 20 „	Nil	Weather—generally hot and close. <i>Aus</i> seedlings doing well, except in Fenny sub-division, where some damage is reported from grubs. Sowing of <i>aman</i> in progress. Rain is wanted. Much fever in town.
	55 Fenny „ „	1.12	Weather—hot and cloudy. <i>Boro</i> rice harvesting almost completed. Slight cholera in Katuali, Chandina, Daudkandi and Kasba. Rain much wanted.
	56 Tipperah „ 19, '87	0.82	Weather—excessively hot during the latter part of the week. Sowing in <i>jooni</i> has begun.
	57 Brahmanbariah „ „	6.51	Weather—hot. <i>Satya</i> paddy is being sown. Chillies commenced to be gathered. <i>Jooni</i> cultivation going on. Public health good.
	58 Chaudpur „ „	1.40	
	59 Chittagong Hill „ 17, '87	4.85	
	60 Tracts „ „	4.92	
	61 Hill Tipperah „ 18 „	4.92	

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
<b>BEHAR.</b>			
PATNA DIV.	26 Patna, May 21, '87	Nil	Weather—hot. East and west winds blowing alternately. Threshing and winnowing of <i>rubbee</i> still going on. Sugarcane growing splendidly. Cholera reported from Barh and Behar sub-divisions. Report not received.
	27 Gya	.....	
	28 Shahabad, " 21 "	Nil	Weather—very hot in the beginning of the week. Prospects of sugarcane fair. Cholera reported from Sasseram and Bhabua sub-divisions. Prices stationary.
	29 Durbhunga, " 21 "	Nil	Weather—very hot, with east winds. Prospects of early rice, <i>moong</i> and indigo satisfactory. Fields are being prepared for <i>bhadoi</i> sowings. Prices remain unchanged. Cholera has abated.
	30 Mozufferpore, " 21 "	Nil	Weather—very hot, with east winds. Prospects of crops are satisfactory; rice, <i>cheena</i> , <i>moong</i> and indigo look promising. Cholera and small-pox prevail in the district.
	31 Saran, " 21 "	Nil	Weather—hot. Wind from east, and occasionally from west. Prospects of crops good. Cholera still prevailing. Cattle-disease reported from Manjhi thana.
BAGULPUR DIV.	32 Champaran, " 21 "	Nil	Weather—very hot. Sowing of <i>bhadoi</i> and <i>oghani</i> in progress. Early rice, <i>moong</i> and <i>cheena</i> coming up well. Cholera prevalent.
	33 Monghyr, May 21, '87	Nil	Weather—very hot and sultry, with east wind. Ploughing for <i>bhadoi</i> crop continues. Cholera prevailing in several parts of the district, but not so badly as before. Cases of small-pox continue to be reported from Beguserai.
	Beguserai, " 21, '87	1.65	
	Jamui, " 21, '87	0.35	
	34 Bagulpore, " 21, '87	Nil	Weather—excessively hot. Rain much wanted for early sowings and indigo. <i>Moong</i> rather blighted. Sugarcane good. Cholera still bad in north.
	35 Purneah, " 21 "	Nil	Weather—rather warm, but cool easterly breezes prevail. <i>Bhadoi</i> rice and jute are being sown; standing crops doing well. Rain wanted.
ORISSA.	Kishengunge, " 21, '87	0.55	
	36 Maldah, " 21, '87	Nil	Weather—very hot; occasionally cloudy, with variable wind. <i>Boro</i> paddy is being harvested with good outturn. Rain is wanted for the <i>bhadoi</i> crops. Average price of common rice 24 seers per rupee. Public health good.
	37 Sonthal Parghs., " 21 "	0.15	Weather—great heat; sultry. Rain wanted. Public health fair.
	Deoghur, " 21 "	0.38	
ORISSA DIV.	38 Cuttack, May 20, '87	Nil	Weather—very hot. Ploughing in progress, and sowing of rice commenced in many places, but rain urgently wanted. Common rice sells at 17½ seers per rupee in town. Public health generally good.
	39 Pooree, " 19 "	Nil	Weather—hot. Rain is much wanted for ploughing and sowing of <i>sarad</i> crop. Common rice 25 seers per rupee in the sudder sub-division, and 23 seers 6 chittacks in Khoorda. Cases of cholera and small-pox reported from the mofussil.
	40 Balasore, " 20 "	Nil	Weather—hot. Ploughing going on. Sowing of paddy in low lands has commenced. With the exception of a few cases of cholera, public health generally good.
<b>CHOTA NAGPORE.</b>			
<i>South-West Frontier Agents.</i>			
41	Bazaribagi, May 20, '87	Nil	Weather—very hot. Sugarcane doing well. Preparations are being made for sowing paddy. Some cases of cholera reported from one thana; otherwise general health good.
42	Loharungga, " 21 "	Nil	Weather—very hot. Rainfall reported in one thana. No crops on the ground to report on. Prices as before. A few cases of small-pox and cholera reported from Palamow; public health otherwise good.
43	Singbnoom, " 20 "	Nil	Weather—very hot and oppressive; cloudy. Ploughing going on. Crops in ground doing well. No more cholera reported. Public health good.
44	Manbnoom, " 21 "	Nil	Weather—hot and close. Prospects of sugarcane, cotton and indigo good. <i>Mahua</i> crop poor. Public health fair.

Published for general information.

CALCUTTA, REVENUE DEPT.;  
The 24th May 1887.P. NOLAN,  
Secy. to the Govt. of Bengal.

## PRICES-CURRENT (retail) of Food-grains, &amp;c.

Number.	DISTRICTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			Rice.
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	

## BENGAL.

## Western Districts.

		S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
1	Burdwan	14	0	14	4	17	8	40	0	37	8	19	8	15	12
2	Bankura	15	8	16	0	18	8	20	0	20	0	19	0	19	8
3	Eschbloom	20	0	20	0	19	8	...	...	...	...	18	12	20	0
4	Midnapore	17	8	18	0	18	0	...	...	...	...	20	0	20	0
5	Hooghly	15	0	14	8	16	0	...	...	...	...	10	0	10	0
	Howrah	12	0	12	0	16	0	...	...	...	...	13	8	13	0

## Central Districts.

		S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
6	Calcutta	15	0	14	4	16	0	21	0	20	14	21	8	9	6
	24. Pergunnahs	14	0	13	5	13	4	26	8	24	0	20	0	8	0
7	Nuddea	16	0	16	0	17	4	35	8	35	8	26	0	16	0
8	Khooins	...	...	...	...	...	...	...	...	...	...	18	0	18	0
9	Jessore	16	0	16	0	13	4	...	...	...	...	17	0	16	0
10	Moorshedabad	16	0	16	0	20	0	...	...	...	...	16	0	16	0
11	Dinapore	13	12	14	12	16	0	22	0	21	4	17	0	20	0
12	Rajahmhye	18	0	18	0	19	2	45	0	40	0	35	10	18	12
13	Rangpore	22	8	22	8	17	12	...	...	...	...	22	8	22	8
14	Bogra	15	0	15	0	17	4	...	...	...	...	13	8	15	0
15	Pubna	20	0	20	0	21	12	...	...	...	...	8	0	8	0
16	Darjeeling	...	...	10	0	9	0	11	0	11	0	10	0	5	0
17	Julpigoree	11	0	10	0	13	4	20	0	20	0	20	0	18	0

## Eastern Districts.

		S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
18	Dacca	13	0	13	0	15	8	22	0	22	0	23	0	17	0
19	Furzedpore	26	0	26	0	24	0	32	0	32	0	25	0	18	0
20	Backergunge	...	...	...	...	...	...	...	...	...	...	18	0	18	0
21	Mymensingh	12	0	12	0	13	4	...	...	...	...	12	4	13	0

KANGRI OR KAKRI. ITALIAN MILLET. (Setaria italica.)			GRAM, CHANA, CHHOLA, KADALI OR SUBAQA. (Cicer arietinum)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
...	...	...	...	25	8	24	0	20	0	...	...
...	...	...	...	19	8	19	8	19	4	...	...
...	...	...	...	26	8	28	8	22	0	...	...
...	...	...	...	20	0	17	12	17	0	...	...
...	...	...	...	20	0	20	0	16	0	...	...
...	...	...	...	25	0	22	8	21	0	...	...

S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
16	4	16	4	18	0	19	14	19	12	20	4
...	...	...	...	22	8	20	0	17	8	...	...
...	...	...	...	29	0	29	0	22	14	...	...
...	...	...	...	16	0	16	0	16	0	...	...
...	...	...	...	26	8	24	8	21	0	...	...
...	...	...	...	30	8	30	8	28	0	...	...
...	...	...	...	19	0	19	0	19	0	...	...
...	...	...	...	28	2	27	0	22	8	...	...
...	...	...	...	20	0	20	0	17	12	...	...
...	...	...	...	19	8	15	12	21	0	...	...
...	...	...	...	30	0	27	0	22	4	...	...
...	...	...	...	11	0	11	0	10	0	...	...
...	...	...	...	16	0	16	0	16	5	...	...
...	...	...	...	14	0	14	0	21	0	...	...
...	...	...	...	32	0	31	0	16	0	...	...
...	...	...	...	20	0	20	0	16	0	...	...
...	...	...	...	13	8	14	0	18	0	...	...

- A In sub-divisions retail prices of salt per rupee were:—Culna 12 seers, Cutwa 13 seers, and Ransengunge 12½ seers.  
 B In Bishanpore sub-division retail price of salt 12 seers per rupee.  
 C In Tumlook and Contai sub-divisions retail price of salt 11 seers per rupee.  
 D In sub-divisions retail prices of salt per rupee were:—Serampore 13 seers and Jehanabad 13½ seers.  
 DI In sub-divisions retail prices of salt per rupee were:—Baraset 12 seers, Busrhat 13 seers, Diamond Harbour (at Magrahat) 11½ seers, Barrackpore 12½ seers, and Dum-Dum 11 seers.  
 E In sub-divisions retail prices of salt per rupee were:—Koshtea, Meherpore and Choondanga 12 seers, Ranaghat 10½ seers.  
 F In Satkhira and Bagirhat sub-divisions retail price of salt 11 seers per rupee.  
 G In sub-divisions retail prices of salt per rupee were:—Jhenida and Narail 12 seers, Magura 10½ seers, and Dongong 13 seers.  
 H In sub-divisions retail prices of salt per rupee were:—Lalbagh 13 seers and Jungpore 12½ seers.  
 I In Thakurgaon sub-division retail price of salt 10 seers per rupee.

## Districts of Bengal during the Fortnight ending the 15th May 1887.

												WHOLESALE PRICES PER MAUND OF 4 SEERS.			DISTRICTS.
INDIAN-CORN OR MAIZE (Zea Mays.)			ARHAR OR THUR. CAJIAN PEA. (Cajanus indicus.)			FIREWOOD.			SALT.			SALT.			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
BENGAL.															
Western Districts.															
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
...	...	...	24 0	24 0	20 8	120 0	120 0	120 0	13 5	13 5	13 8	2 14 6	2 14 6	2 15 0	
40 0	40 0	31 0	22 0	22 0	22 0	220 0	280 0	300 0	12 8	12 8	12 8	3 3 0	3 3 0	3 2 0	
...	...	...	15 0	15 0	22 8	160 0	160 0	160 0	12 12	12 12	12 0	3 2 6	3 2 6	3 2 6	
...	...	...	13 0	16 0	14 0	155 0	155 0	155 0	12 0	13 0	12 8	3 5 0	3 0 0	3 0 0	
...	...	...	13 0	13 0	14 0	120 0	120 0	120 0	13 8	13 8	13 9	2 14 0	2 14 0	2 14 0	
...	...	...	14 0	13 0	15 0	100 0	90 0	90 0	12 0	12 0	13 0	3 0 0	3 0 0	3 0 0	
Central Districts.															
23 0	24 0	20 0	18 0	16 12	8 6	80 0	80 0	64 0	13 0	13 4	13 4	3 0 0	3 0 0	2 12 0	
26 8	32 0	17 8	20 0	19 0	20 0	100 0	100 0	100 0	13 0	13 0	12 13	2 15 0	2 15 0	3 0 0	
...	...	...	20 0	20 0	20 0	...	...	...	11 10	11 10	11 10	3 0 0	3 0 0	3 0 0	
...	...	...	...	...	...	160 0	160 0	180 0	10 8	10 8	12 0	3 12 0	3 12 0	3 4 0	
...	...	...	23 0	20 0	26 8	110 0	110 0	120 0	10 12	10 12	12 0	3 3 0	3 3 0	3 2 0	
...	...	...	21 0	16 12	19 0	210 0	210 0	120 0	12 0	12 0	11 4	3 5 0	3 5 0	3 12 0	
...	...	...	11 0	9 4	...	160 0	160 0	160 0	12 0	12 0	12 8	3 4 0	3 4 0	3 2 0	
...	...	...	17 0	16 8	22 8	240 0	240 0	240 0	12 0	12 0	12 12	3 4 0	2 4 0	3 0 0	
...	...	...	18 10	18 10	14 0	120 0	120 0	120 0	10 5	10 5	11 8	3 8 0	3 8 0	2 13 0	
...	...	...	...	...	...	90 0	90 0	90 0	10 8	11 4	12 0	3 10 8	3 5 4	3 4 0	
...	...	...	22 8	22 8	20 0	200 0	200 0	200 0	12 0	11 10	12 6	3 5 0	3 6 0	3 2 0	
23 0	26 0	20 0	8 0	8 0	8 0	120 0	120 0	120 0	9 0	9 0	8 0	4 6 0	...	4 0 0	
20 0	20 0	...	12 0	12 0	...	128 0	128 0	120 0	11 0	11 0	12 0	3 6 0	3 6 0	3 4 0	
Eastern Districts.															
...	...	...	15 8	...	17 0	120 0	120 0	120 0	12 0	12 0	12 0	3 3 0	3 3 0	3 2 0	
...	...	...	20 0	20 0	16 0	120 0	120 0	140 0	12 0	12 0	12 12	3 4 0	3 4 0	3 2 0	
...	...	...	16 0	16 0	13 0	120 0	120 0	120 0	13 0	13 0	12 8	3 0 0	3 0 0	3 2 0	
...	...	...	16 0	16 0	20 0	...	...	...	12 0	12 0	13 4	3 5 0	3 5 0	3 3 0	

J In Nattore and Nowgong sub-divisions retail price of salt 12 seers per rupee.

K In sub-divisions retail prices of salt per rupee were:—Nilphamari 13 seers, Gaibanda 8 seers, and Kurigram 12 seers.

L In Baraigunge sub-division retail price of salt 12 seers per rupee.

M At Salguri retail price of salt 10 seers per rupee.

N In Alipore sub-division (at Fallacotta) retail price of salt 8 seers per rupee.

O In sub-divisions retail prices of salt per rupee were:—Manickgunge 11 seers, Moonsheegunge 10½ seers, and Naraingunge 12½ seers.

P In sub-divisions retail prices of salt per rupee were:—Goutando 12 seers and Madaripore 12½ seers.

Q In sub-divisions retail prices of salt per rupee were:—Patakhali 9½ seers, Perazopore 11 seers, and Bhola 10½ seers.

R In sub-divisions retail prices of salt per rupee were:—Kishoregunge 2½ seers, Attea 12 seers, Jamalpore 10½ seers, Sherpore 14 seers, and Netrokona 9 seers.



## PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

Number.		DISTRICTS.		QUANTITIES PER RUPEE IN														
				WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLU (Sorghum Vulgare.)		
				Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
Eastern Districts.—Concluded.																		
22	Chittagong ...	S. Ch. 16 0	S. Ch. 16 0	S. Ch. 16 0	S. Ch. ...	S. Ch. ...	S. Ch. ...	S. Ch. 12 0	S. Ch. 12 0	S. Ch. 11 0	S. Ch. 16 8	S. Ch. 17 0	S. Ch. 14 0	S. Ch. ...	S. Ch. ...	S. Ch. ...		
23	Noakholly* ...	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..		
24	Tipperah ...	11 7	13 5	13 5	... ..	... ..	... ..	15 14	17 8½	16 0	18 12	21 15	18 0	... ..	... ..	... ..		
25	Chittagong Hill Tracts.	... ..	... ..	... ..	... ..	... ..	... ..	13 5	13 5	10 10	15 0	16 0	11 6	... ..	... ..	... ..		
	Hill Tipperah ...	12 0	12 0	12 0	... ..	... ..	... ..	13 0	13 0	12 0	16 0	18 0	16 0	... ..	... ..	... ..		
BEHAR.																		
26	Patna ...	20 0	19 0	20 0	32 0	32 0	28 0	11 8	11 8	11 8	24 0	25 0	17 0	26 0	26 0	26 0		
27	Gya ...	17 0	16 8	18 8	35 0	32 0	30 0	9 0	9 0	8 8	18 8	19 0	16 0	... ..	... ..	... ..		
28	Shahabad ...	16 0	18 0	19 8	27 8	30 0	27 0	10 0	9 0	8 0	17 8	17 8	16 0	... ..	... ..	... ..		
29	Durbhanga ...	18 11	19 4	18 8	33 0	33 0	28 8	12 1½	13 4	10 0	20 14	22 4	16 0	... ..	... ..	... ..		
30	Moxaispore ...	20 0	20 0	20 0	30 0	30 0	30 0	12 0	12 0	12 0	22 0	22 0	16 0	... ..	... ..	... ..		
31	Saran ...	15 8	15 0	18 8	29 0	28 0	27 8	8 0	8 0	7 4	21 8	21 0	18 8	... ..	... ..	... ..		
32	Chumparun ...	21 0	17 0	20 0	35 0	32 0	23 0	7 8	7 8	10 0	17 8	17 8	16 0	... ..	... ..	... ..		
33	Mongnyr ...	19 10	19 8	23 2	32 8	33 9	36 12	13 14	13 12	13 9	17 14	16 13	16 4	21 0	24 2	24 2		
34	Bhagulpore ...	17 10	16 6	18 15	22 11	35 6	30 6	20 3	18 15	15 2	24 0	21 7	17 10	... ..	... ..	... ..		
35	Purach ...	20 0	20 0	21 0	... ..	... ..	... ..	20 0	20 0	19 0	24 0	24 0	21 0	... ..	... ..	... ..		
36	Maidah ...	18 8	18 0	22 0	... ..	... ..	... ..	13 0	17 0	10 0	25 0	26 0	21 0	... ..	... ..	... ..		
37	Southal Perghe.	14 0	14 0	17 0	... ..	... ..	... ..	18 0	18 0	16 0	27 0	29 0	23 0	... ..	... ..	... ..		
ORISSA.																		
38	Cuttack ...	14 7	14 7	19 11	... ..	... ..	... ..	13 2	13 2	10 8	18 6	18 6	17 1	... ..	... ..	... ..		
39	Pooree ...	11 13	13 2	15 12	... ..	... ..	... ..	15 12	17 1	15 12	23 10	23 10	21 0	... ..	... ..	... ..		
40	Balasore ...	18 0	18 0	18 0	13 0	13 0	13 0	14 0	14 0	13 0	28 0	25 0	24 0	... ..	... ..	... ..		
CHOTA NAGPORE.																		
South-Western Frontier Agency.																		
41	Hazareebagh ...	19 0	20 0	17 0	22 0	24 0	20 0	10 0	10 0	10 0	19 0	20 0	18 8	Not p				
42	Lohardugga ...	24 0	25 0	20 0	32 0	36 0	22 0	19 0	19 0	16 0	23 0	23 0	21 0	... ..	... ..	... ..		
43	Singbhoom ...	24 0	24 0	24 0	32 0	32 0	32 0	28 0	28 0	24 0	32 0	32 0	28 0	... ..	... ..	... ..		
44	Manbhoom ...	18 0	18 0	18 0	40 0	32 0	32 0	28 0	28 0	16 0	30 0	29 0	27 0	... ..	... ..	... ..		

\* Return not received.

S In sub-divisions retail prices of salt per rupee were:—Brahmunberiah 12 seers and Chandpore 11½ seers.

T In sub-divisions retail prices of salt per rupee were:—Buxar 12½ seers, Sasseram 12 seers, and Bhadooi 11½ seers.

U In Madhubani and Tajpore sub-divisions retail price of salt 12 seers per rupee.

V In sub-divisions retail prices of salt per rupee were:—Hajepore 12½ seers and Soetamarhee 11 seers.

W In Sewan sub-division retail price of salt 12 seers per rupee.

X In Bettiah sub-division retail price of salt 11½ seers per rupee.

CALCUTTA,  
The 24th May 1887.

## Districts of Bengal during the Fortnight ending 15th May 1887—(Concluded)

										WHOLESALE PRICES PER MAUND OF 40 SEERS.										DISTRICTS.
						FIRWOOD.			SALT.			SALT.								
KANGHI OR KAKUN. ITALIAN MILLET. (Setaria italica.)			GRAM, CHANA, CHHOLA, KADALAY, OR SUNAGA. (Cicer arietinum.)						Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.										Present return.	Next preceding return.		Corresponding return of last year.
OF 1889 YEAR.																				
Eastern Districts.—Concluded.																				
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
...	...	...	11 0	12 0	15 0	...	...	...	...	...	...	...	...	...	...	...	...	Chittagong.		
...	...	...	...	...	...	14	...	...	...	12	8	11 8	12 0	3 5 0	3 7 0	3 3 0	...	Noakhali.		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Tipperah.		
...	...	...	13 5	13 5	15 0	...	320	320	320 0	8 0	8 0	8 0	8 0	4 8 0	4 8 0	4 8 0	...	Chittagong Hill Tracts.		
...	...	...	...	...	...	...	...	...	...	11 0	11 0	11 0	11 0	3 4 0	3 4 0	3 4 0	...	Hill Tipperah.		
BEHAR.																				
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Patna.		
24 0	24 0	19 0	32 0	31 0	27 12 0	140	140	140	100 0	11 0	11 0	11 0	11 0	3 5 0	3 5 0	3 5 0	...	Gya.		
17 0	17 0	16 0	27 0	27 0	23 8 0	160	160	160	160	12 0	12 0	12 8	12 0	3 5 0	3 5 0	3 2 0	...	Shahabad.		
...	...	...	...	28 0	28 0	24 0 0	...	176	160	11 8	13 0	11 8	11 8	3 4 0	3 0 0	3 4 0	...	Durbhunga.		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Muzafferpore.		
...	...	17 8	27 8	26 8	19 8 8	140	140	140	140	12 0	12 0	12 0	12 0	3 4 0	3 4 0	3 5 0	...	Saran.		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chumpana.		
14 0	14 0	16 0	27 0	28 0	25 0	...	...	...	...	11 8	11 8	12 4	12 4	3 7 0	3 7 0	3 3 0	...	Monghyr.		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bhagulpore		
38 13	31 0	21 0	30 8	9 6	27 0 15	171	177	151	151	12 10	12 10	12 10	12 10	3 3 0	...	2 15 6	...	Purneah.		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Maldah.		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Sonthal Pergas.		
ORISSA.																				
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Cuttack.		
(Kalai)																				
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Poorce.		
(Kalai)																				
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Balasore.		
CHOTA NAGPORE, South-Western Frontier Agency.																				
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Hazareebagh.		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Lohardugga.		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Singbhoom.		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Manbhoom.		
Divisions retail prices of salt 11 seers per rupee. Salt not made was:—Kanka 11 seers, Muddehnarah 11½ seers, and Soopool 10 seers.																				

Not procurable.

Divisions retail prices of salt 11 seers per rupee.  
 salt per rupee were:—Banka 11 seers, Muddehpore 11½ seers, and Soopool 10 seers.  
 salt per rupee were:—Kissengunge 10 seers and Arrareah (at Raneeunge) 10 seers.  
 Z3 In sub-divisions retail prices of salt per rupee were:—Deoghur and Pakour 12½ seers, Godda 11 seers, and Rajmehal 12 seers.  
 Z3 In Bhuddruck sub-division retail price of salt 9½ seers per rupee.  
 Z4 In Girid sub-division (at Kharagdiha) retail price of salt 11 seers per rupee.  
 Z5 In Govindpore sub-division retail price of salt 12 seers per rupee.

Published for general information.

P. NOLAN,  
Secy. to the Govt. of Bengal.

*PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt in the*

Number.	MARKS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	2 9 3	2 10 9	2 6 0	1 4 0	1 5 3	1 7 0	3 4 0	3 2 0	4 7 6	1 14 0	1 11 0	2 6 3
2	Serajgunge ...	...	...	...	...	...	...	3 12 0	3 14 0	4 12 0	1 12 0	1 13 6	...
3	Dacca ...	3 0 0	3 0 0	2 4 0	1 11 0	1 11 0	1 8 0	2 6 0	2 6 0	2 10 0	2 0 0	2 0 0	2 3 0
4	Narsingunge ...	...	...	...	...	...	...	2 8 0	2 4 0	2 11 0	2 4 0	2 0 0	2 8 0
5	Chittagong ...	2 6 0	2 6 0	2 6 0	...	...	...	3 4 0	3 0 0	3 8 0	2 6 9	2 3 0	2 10 0
6	Patna ...	1 15 0	2 0 0	1 14 6	1 3 6	1 3 6	1 5 3	3 0 0	3 0 0	3 0 0	1 9 0	1 9 0	2 2 0
7	Balasore ...	2 4 0	2 4 0	2 2 0	3 0 0	3 0 0	3 0 0	2 12 0	2 12 0	3 0 0	1 6 0	1 7 0	1 10 6
8	Pooree ...	...	...	...	...	...	...	...	...	...	1 8 0	1 8 0	1 14 0
9	Cuttack ...	2 10 0	2 10 0	2 0 0	...	...	...	3 0 0	3 0 0	3 10 0	2 2 0	2 2 0	2 2 0

CALCUTTA,  
24th May 1887.

PRICES PER MAUND

JOWAR OR CHOLU.  
(*Sorghum Vulgare*.)

BAJRA OR QUMBU  
(*Pennisetum typhoi-  
deum*.)

Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.
1 10 01	8 02	0 02	2 6 02	2 6 03	0 0
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
1 6 01	6 01	6 01	6 01	6 01	6 0
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...



OF 40 SEERS.

MARUA OR RAGI. <i>Eleusine Corocana.</i>			KANGNI OR KAKUN ITALIAN MILLET. <i>(Setaria italica.)</i>		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
...	...	...	2 6 0	2 6 0	2 2 0
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
1 6 0	1 6 0	1 6 0	1 9 6	1 0 9	2 0 0
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...

Undermentioned *Marts* of Bengal during the Fortnight ending 15th May 1887.

GRAM, CHANA, CHHOLA, KADALAY OR SURAGA. ( <i>Cicer Arietinum</i> .)			INDIAN-CORN OR MAIZE. ( <i>Zea Mays</i> .)			ARHAR OR THUR CADJAN PEA. ( <i>Cajanus indicus</i> .)			FIRWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
1 9 0	1 10 0	1 12 9	1 8 0	1 6 0	1 14 0	2 0 0	2 3 0	1 15 0	0 6 9	0 6 9	0 8 3	3 0 0	3 0 0	2 12 0	C. lcutra.
1 5 0	1 14 0	1 13 0	...	...	...	...	...	...	...	...	...	3 0 0	3 1 0	2 3 3	Serejgunge.
1 12 0	2 12 0	1 14 0	...	...	...	2 8 0	...	...	0 5 0	0 5 0	0 5 0	3 3 0	3 3 0	3 2 0	Dacca.
2 2 0	2 8 0	2 7 0	...	...	...	2 8 0	...	...	0 8 0	0 8 0	0 8 0	3 2 0	3 2 0	2 14 0	Naraingunge.
3 8 0	3 0 0	2 8 0	...	...	...	4 0 0	3 14 0	4 0 0	0 8 0	0 8 0	0 6 0	3 0 0	3 0 0	3 8 0	Chittagong.
1 3 6	1 4 0	1 6 0	1 3 0	1 4 9	2 1 0	1 5 6	1 5 6	1 6 0	0 5 0	0 5 0	0 4 6	3 1 6	3 1 6	3 1 6	Patna.
2 8 0	2 8 0	2 9 0	...	...	...	3 4 0	3 2 0	2 14 0	0 5 0	0 5 0	0 3 6	3 6 0	3 6 0	3 11 0	Balasore.
...	...	...	...	...	...	...	...	...	...	...	...	2 10 0	2 10 0	2 10 0	Pooree.
2 0 0	(Kalsi) 2 0 0	2 0 0	...	...	...	...	...	...	0 8 0	0 8 0	0 8 0	2 12 0	2 12 0	2 12 0	Cuttack.

Published for general information

P. NOLAN,  
Secy. to the Govt. of Bengal.

## Meteorological Report of the Province of Bengal

METEOROLOGICAL DIVISION.	DISTRICT.	Representative station.	STATION OBSERVATIONS.													
			AIR PRESSURE.			WIND.		TEMPERATURE.								
			Mean barometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 10 A.M. temperature.
ORISSA.	Pooree	Gopalpore	29.618	29.608	-.001	S	237	93.2	15th May	82.3	20th May	93.0	83.9	86.9	+3.0	
		False Point	29.662	29.680	-.018	Southerly	333	93.0	16th "	80.7	17th "	91.6	82.1	86.9	+1.8	
	Cuttack	Cuttack	29.684	29.663	-.021	SSW	117	113.9	16th "	81.9	18th "	108.1	83.9	96.0	+5.1	
	Balasore	Balasore	29.602	29.559	-.043	S	144.9	102.1	16th "	71.8	11th "	90.2	80.0	89.9	+4.9	
	South-West Midnapore	Saugor Island	29.609	29.695	-.071	S & SSE	336	94.2	18th & 20th May	83.5	14th "	93.4	84.4	88.9	+3.1	
SOUTH-WEST BENGAL.	Midnapore	Midnapore	29.517	29.605	-.088	S	147.3	107.9	19th "	81.0	14th & 19th May	104.1	81.5	92.8	+3.3	
	24-Pergunnahs															
	Howrah	Calcutta	29.644	29.665	-.021	S, SSW	168	98.9	19th "	79.7	20th "	95.7	81.1	88.4	+2.9	
	Hooghly															
	Burdwan	Burdwan	29.589	29.658	-.069	S, SSW	187	107.2	19th "	78.9	20th "	102.6	81.5	92.1	+4.6	
	Bankoora	Bankoora	29.333	—	—	Calm	29.7	109.1	15th, 17th May	82.0	14th, 20th May	106.9	82.6	94.8	—	
	Beerbhoom	Raneegunge	29.321	—	—	SSW	116.1	110.0	19th "	81.3	20th "	107.2	82.2	94.7	+7.1	
	Moorsheadabad	Berhampore	29.592	29.658	-.066	SSW	149.6	104.7	18th "	75.8	20th "	100.6	81.0	90.8	+2.8	
	Nuddea	Krishnaghur	29.611	—	—	S	166.5	103.8	19th "	72.8	20th "	99.9	79.6	89.8	—	
	Jessore	Jessore	29.653	29.686	-.033	S	139.6	97.3	18th, 19th May	75.9	17th "	96.2	79.8	88.0	+1.9	
EAST BENGAL.	Chittagong	Chittagong	29.653	29.747	-.094	S	120	90.6	18th, 19th May	75.5	20th "	89.7	79.0	84.4	+1.3	
	Chittagong Hill Tracts	Demagiri														
	Backergunge	Barrisal	29.601	29.703	-.102	S	147.3	94.3	19th, 20th May	80.8	14, 16, 17, 18, 20th May	92.2	81.0	86.6	+4.3	
	Noakholly	Noakholly	29.684	29.727	-.043	SSW	34.0	91.5	19th "	77.9	20th "	89.3	80.6	84.9	—	
	Farredpore	Farredpore	29.650	—	—	S	144.8	90.5	17th, 18th May	71.4	15th "	86.9	77.5	83.7	+0.8	
	Dacca	Dacca	29.682	29.794	-.112	S	165	94.1	20th "	73.1	15th "	92.2	79.5	85.9	+1.8	
	Tipperah	Comillah	29.683	29.729	-.046	SE	101.7	93.3	19th, 20th May	75.8	15th "	91.5	78.6	85.0	+3.1	
	Mymensingh	Mymensingh	29.663	—	—	SE	127.9	93.3	15th "	72.1	16th, 20th May	91.5	75.9	83.7	+3.3	
	Bogra	Bogra	29.592	29.654	-.062	SSE	147.9	100.3	15th "	74.3	14th "	98.1	76.7	87.4	—	
	Pubna	Serajgunge	29.635	29.681	-.046	SSE	133.7	95.1	19th "	66.7	15th "	93.8	74.9	84.4	+2.3	
NORTH BENGAL.	Rajshahye	Rampore Beau	29.591	29.600	-.009	SE	125.1	105.4	18th, 19th May	72.7	20th "	102.7	78.7	90.7	+5.4	
	Maldah	Maldah	29.481	—	—	S, SE	71.9	195.3	19th "	75.4	20th "	101.7	80.1	90.9	—	
	Dinapore	Dinapore	29.550	29.600	-.050	ENE	116.6	99.1	19th "	73.1	14th "	95.0	77.0	86.0	+4.4	
	Rungpore	Rungpore	29.585	29.600	-.015	E, Calm	162.1	93.8	19th "	69.7	14th "	90.6	74.7	82.7	+3.7	
	Julpigoree	Julpigoree	29.411	29.700	-.289	ESE	140.7	91.0	19th "	70.8	20th "	86.9	73.8	80.4	+4.4	
	Cooch Behar															
	Darjeeling Hill Districts	Darjeeling	22.933	—	—	Calm	210.3	68.6	18th, 19th May	53.1	20th "	63.2	44.6	60.5	+4.2	
	Purneah	Purneah	29.533	29.657	-.124	Calm	14.9	103.3	18th - 20th May	75.6	20th "	106.8	81.5	91.1	+7.4	
	North Bhagulpore															
	Mozufferpore	Mozufferpore														
NORTH BHAR.	Darbhunga	Darbhunga	29.450	29.643	-.193	ESE	134	102.9	19th May	73.0	14th "	98.8	80.5	89.7	+3.9	
	Chumpran	Motihari	29.396	29.625	-.229	SE	159.9	105.8	17th "	72.3	20th "	101.6	77.7	89.7	+6.2	
	Sarun	Chupra	29.424	—	—	Calm	108.4	109.0	18th, 20th May	76.1	20th "	103.0	80.2	92.9	+6.5	
		Dehree	29.254	29.673	-.419	W	231.3	108.0	19th "	81.0	20th "	106.1	83.9	96.0	+8.9	
	Rohababad	Buxar	29.388	29.621	-.233	WNW	152.8	107.9	16th, 20th May	79.7	20th "	104.9	82.1	94.5	+6.3	
		Arrah	29.414	29.605	-.191	NW	50.7	109.4	17th, 19th May	76.1	20th "	108.1	80.3	94.2	+6.7	
	Gya	Gya	29.246	29.610	-.364	WNW	106	110.1	19th "	80.8	17th "	109.8	83.5	96.7	+4.5	
	Patna	Bankipore	29.459	29.637	-.178	No th-easterly.	75	109.6	19th "	76.7	20th "	106.9	80.8	93.9	+3.7	
	South Bhagulpore															
	Monghyr	Bhagulpore	29.448	29.607	-.159	E	72.7	104.7	19th "	78.0	18th "	99.4	79.9	89.7	+3.8	
SOUTH BHAR.	Sonthal Pergunnahs															
	Hazaribagh	Doomka	29.147	—	—	Calm	21.5	108.2	10th "	80.7	14th "	104.6	81.8	93.2	—	
	Lohardugga	Hazaribagh	27.768	29.635	-.067	NW	264	10.5	16th "	77.6	20th "	104.4	81.7	93.1	+0.3	
	Manbhoom	Ranchee	27.574	29.608	-.034	North-westerly.	158.6	105.0	16th "	71.4	20th "	103.9	78.8	91.4	+7.9	
	Singbhoom	Chyebassa	28.886	—	—	SSW	45.2	111.3	16th "	81.6	20th "	103.6	83.4	96.0	—	
		Sibsagar	29.420	29.754	-.334	NE, ENE	48	92.1	20th "	73.5	15th "	87.2	74.4	80.8	+2.2	
	Assam	Dhubri	29.605	29.723	-.118	ENE	232	87.7	20th "	79.8	14th "	84.8	73.6	79.2	-1.2	
		Silchar	29.646	29.752	-.106	Calm	65	93.5	19th "	70.3	14th "	86.7	74.8	80.8	-6.0	

Explanation. — Summary. — The normal means of air pressure and temperature are the arithmetical averages or means of the readings during the same period for the years 1871-80. The humidity of the atmosphere is expressed as percentage, saturated air being represented by 100. A clear sky is denoted by c and an overcast sky by o. The amount of the rainfall in that district determined from the returns sent in by the sub-divisional stations for the period in question during the same period, divided by the number of stations. A rainy day is one on which at least .01 inch of rain fell.

for the week ending Friday, the 20th May 1887.

DISTRICT OBSERVATIONS.															Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
No.	Rainfall at 10 A.M.	Average cloud amount at 10 A.M. for week.	Rainfall of week at observing stations.	RAINFALL.													
				Of week.		Since 1st of month.			Since 15th May 1887.			Average number of rainy days.	Normal number of rainy days.				
				Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.						
79	2.7	Nil	—	—	—	—	—	—	—	—	—	—	—	Gopalpore	...	ORISSA.	
77	5.7	Nil	Nil	0.59	1.10	1.83	—0.73	Nil	0.49	—0.43	0.0	1.3	1.3	False Point	...		
80	3.4	Nil	0.02	0.58	1.18	2.04	—0.86	0.02	0.55	—0.23	0.2	1.3	1.3	Cuttack	...		
65	0	Nil	0.18	0.86	2.08	3.07	—0.99	0.18	0.78	—0.69	0.2	1.6	1.6	Balasore	...		
77	6.9	Nil	0.03	0.86	0.91	3.37	—2.46	Nil	0.74	—0.74	0.0	1.5	1.5	Saugor Island	...	SOUTH-WEST BENGAL.	
62	0.1	Nil	Nil	0.76	2.04	3.78	—1.74	Nil	0.63	—0.63	0.0	1.4	1.4	Midnapore	...		
69	1.4	Nil	0.14	0.90	3.56	3.77	—0.21	0.14	0.76	—0.62	0.2	1.8	1.8	Calcutta	...		
64	5.4	Nil	0.45	0.84	2.51	3.38	—0.87	0.45	0.76	—0.31	0.7	1.7	1.7	Burdwan	...		
61	0	Nil	Nil	0.71	1.41	2.64	—1.23	Nil	0.63	—0.63	0.0	1.4	1.4	Bankoora	...	EAST BENGAL.	
63	0	Nil	0.07	0.62	1.98	1.90	+0.08	0.07	0.52	—0.45	0.8	1.5	1.5	Raneegunge	...		
74	6.3	0.30	0.41	0.73	2.83	2.81	+0.02	0.41	0.64	—0.23	2.0	1.7	1.7	Berhampore	...		
66	2.6	0.91	0.97	0.92	3.63	3.67	—0.04	0.97	0.83	+0.14	1.4	1.7	1.7	Krishnagar	...		
76	4.3	0.54	0.51	1.05	4.58	4.36	+0.22	0.51	0.86	—0.35	1.8	1.8	1.8	Jessore	...	NORTH BENGAL.	
70	8.7	0.02	0.06	2.05	6.03	6.00	—0.57	0.06	1.92	—1.86	0.5	2.4	2.4	Chittagong	...		
72	4.6	Nil	Nil	1.27	6.42	6.07	—1.93	0.07	1.22	—1.15	1.0	2.1	2.1	Demagiri	...		
76	3.4	0.66	0.10	1.77	7.20	7.03	+0.17	0.10	1.44	—1.34	0.5	2.2	2.2	Barrisal	...		
76	1.4	0.29	0.37	1.35	3.98	5.52	—1.54	0.27	1.21	—0.94	1.3	2.4	2.4	Farraepore	...	NORTH BENGAL.	
78	7.0	0.50	0.51	1.26	4.58	6.26	—1.68	0.51	0.98	—0.47	1.3	2.2	2.2	Dacca	...		
77	5.6	0.11	0.04	1.65	6.15	7.26	—1.11	0.04	1.23	—1.19	0.3	2.2	2.2	Commillah	...		
80	7.0	2.21	1.54	1.52	3.94	6.35	—2.41	0.69	1.28	—0.59	1.6	2.4	2.4	Mymensingh	...		
71	5.9	0.04	0.18	1.27	0.55	4.55	—4.00	0.03	1.12	—1.09	1.3	2.0	2.0	Bogra	...	NORTH BENGAL.	
78	6.3	1.35	0.88	1.43	1.85	4.53	—2.70	0.23	1.23	—1.09	2.0	2.1	2.1	Serajgunge	...		
68	2.3	Nil	0.70	1.11	1.30	3.94	—2.64	0.70	1.03	—0.33	0.5	1.9	1.9	Rampore Beaulah	...		
64	1.4	Nil	Nil	0.94	0.78	2.66	—1.88	Nil	0.90	—0.90	0.0	1.5	1.5	Maldah	...		
73	6.8	0.40	0.11	1.10	1.24	3.21	—1.97	0.02	0.98	—0.96	0.4	1.4	1.4	Dinapore	...	NORTH BENGAL.	
82	6.9	1.66	2.04	2.32	4.05	6.01	—1.96	1.43	2.18	—0.76	1.8	2.6	2.6	Rungpore	...		
79	6.3	5.04	5.39	2.76	8.69	7.11	+1.58	4.25	2.43	+1.82	5.9	3.2	3.2	Julpigoree	...		
95	8.7	0.31	3.87	1.90	7.28	6.00	+1.28	3.07	1.74	+1.33	4.0	3.4	3.4	Darjeeling	...		
68	2.3	Nil	0.06	0.77	1.09	2.68	—1.89	Nil	0.74	—0.74	0.2	1.1	1.1	Purneah	...	NORTH BENGAL.	
70	2.1	Nil	Nil	0.36	0.29	1.45	—1.16	Nil	0.29	—0.29	0.0	0.7	0.7	Mozufferpore	...		
68	2.3	Nil	Nil	0.35	0.90	1.69	—0.69	Nil	0.31	—0.31	0.0	0.6	0.6	Durbhunga	...		
42	0	Nil	Nil	0.44	0.34	1.69	—1.35	Nil	0.40	—0.40	0.0	0.8	0.8	Motihari	...		
18	0	Nil	Nil	0.25	0.21	1.29	—1.08	Nil	0.20	—0.20	0.0	0.4	0.4	Chupra	...	NORTH BENGAL.	
17	0	Nil	Nil	0.22	0.01	0.70	—0.69	Nil	0.17	—0.17	0.0	0.6	0.6	Dehree	...		
29	0	Nil	Nil	0.22	0.01	0.70	—0.69	Nil	0.17	—0.17	0.0	0.6	0.6	Buxar	...		
26	0	Nil	Nil	0.58	0.04	0.97	—0.93	Nil	0.55	—0.55	0.0	0.8	0.8	Gya	...		
44	1.4	Nil	Nil	0.38	0.05	1.04	—0.99	Nil	0.35	—0.35	0.0	0.6	0.6	Bankipore	...	NORTH BENGAL.	
60	0.1	Nil	Nil	0.64	1.25	1.40	—0.16	Nil	0.58	—0.58	0.0	0.9	0.9	Bhagulpore	...		
67	0	Nil	Nil	0.73	1.24	2.04	—0.80	Nil	0.63	—0.63	0.0	1.3	1.3	Doomaka	...		
12	4.7	Nil	Nil	0.29	0.30	1.43	—1.13	Nil	0.25	—0.25	0.0	0.9	0.9	Hazaribagh	...		
11	1.7	Nil	Nil	0.58	0.70	1.40	—0.76	Nil	0.52	—0.52	0.0	1.3	1.3	Ranchee	...	NORTH BENGAL.	
28	0	Nil	Nil	0.36	2.05	2.42	—0.37	Nil	0.83	—0.83	0.0	2.3	2.3	Chyebassa	...		
80	9.0	2.18	...	...	...	...	...	...	...	...	...	...	...	Sibsagar	...		
85	5.7	7.65	...	...	...	...	...	...	...	...	...	...	...	Dhubi*	...		
78	8.7	2.54	...	...	...	...	...	...	...	...	...	...	...	Silchar	...	ASSAM.	

Years. The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater.  
 denoting cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head "District observations of rainfall, the normal mean  
 years. The means of the district are the numerical averages of the rainfall return received in the district, i.e., from the total rainfall at the sub-divisions



## Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 20th of May 1887.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 15th May 1887.	Average rainfall from 15th May to date.
			Saturday, 14th May.	Sunday, 15th May.	Monday, 16th May.	Tuesday, 17th May.	Wednesday, 18th May.	Thursday, 19th May.	Friday, 20th May.	Number of rainy days.	of Rainfall week.				
ORISSA	Pooree	Pooree	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.90	1.56	Nil	0.52
		Khurdah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.25	2.24	Nil	0.81
		Bampur	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.25	1.49	Nil	0.08
		False Point	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.09	2.03	Nil	0.35
		Gop	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.52	?	Nil	?
		Pipli	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	?	?	Nil	?
	Cuttack	Jagatsingapore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.11	1.75	Nil	0.24
		Bauki	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.63	1.54	Nil	0.24
		Cuttack	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.38	2.01	Nil	0.24
		Kendrapara	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.79	2.62	Nil	0.60
		Jaipore	.....	.....	.....	.....	.....	.....	0.10	1	0.10	0.93	2.41	0.10	0.35
		Dharmasalla	.....	.....	.....	.....	.....	0.44	.....	1	0.44	1.71	?	0.44	0.40
	Balasore	Salipore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.16	?	Nil	?
		Chandbali	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	3.23	3.23	Nil	0.54
		Bhuddruk	.....	.....	.....	.....	.....	1.10	.....	1	1.10	3.07	3.07	1.10	1.01
		Sorah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.43	3.07	Nil	1.01
		Balasore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.24	3.12	Nil	1.01
		Jellapore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.60	2.39	Nil	0.92
	Midnapore	Baripodda	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.53	3.02	Nil	0.74
		Contai	0.08	.....	.....	.....	.....	.....	.....	1	0.08	0.64	3.29	Nil	0.36
		Saugor Island	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.17	3.12	Nil	0.72
		Tumlook	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.80	3.25	Nil	0.53
		Midnapore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.29	3.99	Nil	0.55
		Chittal	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.04	4.03	Nil	0.78
SOUTH-WEST BENGAL.	24-Pergunnahs	Deog	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.40	?	Nil	0.47
		Heria	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.77	?	Nil	?
		Bhagwanpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.55	?	Nil	?
		Garbeta	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.59	?	Nil	?
		Diamond Har	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.99	3.69	Nil	0.26
		hour	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	4.08	?	Nil	?
	Howrah	Canning Town	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	3.48	3.64	Nil	0.66
		Alipore Jail	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	4.40	3.38	Nil	0.41
		Burrackpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	6.08	3.55	Nil	0.65
		Dum-Dum	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.14	4.56	Nil	0.99
		Barnet	.....	.....	.....	.....	.....	.....	.....	1	1.04	2.89	4.15	1.04	1.15
		Buseerhat	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	5.67	3.43	Nil	0.68
	Hooghly	Moheerka	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.92	4.43	Nil	0.80
		(Ooloberiah.)	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	Nil	.....
		Serampore	.....	.....	.....	.....	.....	.....	0.33	1	0.33	4.59	3.34	0.33	0.51
		Hooghly	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.52	3.31	Nil	0.77
		Jehanabad	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.99	3.52	Nil	1.00
		.....	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	Nil	.....
	Burdwan	Culina	.....	.....	.....	.....	.....	.....	0.26	1	0.26	1.74	3.46	0.26	0.71
		Burdwan	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.44	3.39	Nil	0.76
		Cutwa	.....	.....	.....	.....	.....	.....	1.10	1	1.10	3.38	3.27	1.10	0.81
		Raneegunge	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.68	1.91	Nil	0.78
		Manikur	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.61	?	Nil	?
		.....	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.85	?	Nil	?
	Bankoora	Bankoora	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.38	2.32	Nil	0.66
		Bishenpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.54	3.82	Nil	0.62
		Mahara	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.93	2.18	Nil	0.56
		Khatra	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	3.20	2.21	Nil	0.66
		Indas	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.15	?	Nil	?
		Kotalpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.10	?	Nil	?
	Beerbhoon	Anda	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.56	?	Nil	?
		Gangajalghati	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.60	?	Nil	?
		Raipore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	?	?	Nil	?
		Sonamukhi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	?	?	Nil	?
		Bh. Soory	.....	0.02	.....	.....	.....	.....	.....	1	0.02	1.92	1.92	0.02	0.45
		Hetampore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.24	1.58	Nil	0.24
	Nudda	Rampore Hunt	.....	.....	.....	.....	.....	0.11	0.14	2	0.25	3.05	2.20	0.25	0.61
		Boipore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.57	?	Nil	?
		Ranaghat	.....	.....	.....	0.63	.....	.....	.....	1	0.63	2.86	3.06	0.63	0.67
		Kishnaghat	.....	.....	.....	.....	.....	.....	0.96	1	0.96	4.57	3.75	0.96	0.53
		Choodanga	.....	.....	.....	.....	.....	.....	0.42	1	0.42	2.20	4.56	0.42	1.23
		Meherpore	.....	.....	.....	0.22	.....	.....	2.20	2	2.42	6.82	2.83	2.42	0.68
	Khoolna	Kooshtea	.....	.....	.....	0.23	.....	.....	0.17	2	0.40	1.71	4.14	0.40	0.98
		Satkhiria	.....	.....	.....	.....	0.70	.....	0.04	2	0.74	5.42	3.78	0.74	0.33
		Bagirhat	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	6.28	4.42	Nil	0.35
		Khoolna	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	7.88	4.23	Nil	0.68
		.....	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	Nil	.....
		.....	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	Nil	.....
	Jessore	Narail	.....	.....	.....	.....	.....	0.15	.....	1	0.15	3.41	4.99	0.15	1.01
		Jhenidah	.....	.....	.....	0.45	.....	.....	0.11	2	0.54	6.71	4.73	0.54	0.95
		Magorah	.....	.....	.....	0.34	0.13	.....	0.21	3	0.68	2.23	4.18	0.68	1.08
		Hongong	.....	.....	.....	0.29	0.34	0.62	0.41	4	1.57	3.66	5.19	1.57	1.25
		.....	.....	.....	.....	0.18	.....	.....	0.20	2	0.38	0.98	3.38	0.38	0.44
		.....	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	.....	Nil	.....
	Moorshedabad	Kandi	.....	.....	.....	.....	.....	0.12	0.09	2	0.21	2.21	2.70	0.21	0.71
		Berhampore	.....	.....	.....	.....	.....	0.30	0.11	2	0.41	1.91	3.08	0.41	0.69
		Lalbagh	.....	.....	.....	.....	.....	0.41	.....	1	0.41	3.52	2.78	0.41	0.61
		Azimung	.....	.....	.....	.....	.....	0.32	.....	1	0.32	2.44	2.68	0.32	0.68
		Jungipore	.....	.....	.....	.....	.....	0.41	0.03	3	0.57	1.49	2.61	0.57	0.44
		Lalgaola	.....	.....	.....	0.13	.....	.....	0.20	2	0.55	4.41	3.16	0.55	0.65
EAST BENGAL.	Chittagong	Akhrikanj	.....	.....	.....	.....	.....	0.50	.....	1	0.50	1.54	?	0.50	?
		Patkabari	.....	.....	.....	.....	.....	0.20	0.25	2	0.45	3.39	?	0.45	?
		Cox's Bazar	.....	.....	.....	.....	.....	.....	0.12	1	0.12	7.45	7.17	0.12	2.0
		Chittagong	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	4.56	6.02	Nil	1.0
		Kutubdia	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	3.06	?	Nil	?
		atankanya	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.36	?	Nil	?
	Chittagong Hill Tracts.	Rangamati	.....	.....	.....	.....	.....	0.09	0.06	2	0.15	6.32	6.61	0.15	1.3
		Ruma	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	3.16	6.73	Nil	1.42
	Backergunge	Patokhalley	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	5.33	4.87	Nil	1.17
		Perozepore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	7.60	4.90	Nil	0.78
		Burrisal	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	7.16	4.87	Nil	1.19
		Bhola	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	5.69	4.69	Nil	1.10

## Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 20th of May 1887—contd.

District.	Station.	RAINFALL.							TOTAL		Total rain- fall since 1st of month.	Average total rain- fall from 1st of month.	Total rain- fall since 16th May 1887.	Average rainfall from 16th May to date.		
		Saturday, 14th May.	Sunday, 15th May.	Monday, 16th May.	Tuesday, 17th May.	Wednesday, 18th May.	Thursday, 19th May.	Friday, 20th May.	Number of rainy days.	of Rainfall week.						
BENGAL General.	Gournaddi Bauphal	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	7.44 5.10	?	?	Nil	Nil	
	Noakholly	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	7.86	6.30	Nil	1.20	1.20	
	Fenny	.....	0.20	.....	.....	.....	.....	.....	1	0.20	6.52	7.75	0.20	1.59	1.59	
	Harishpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	13.68	?	Nil	?	?	
	Ranganj	.....	0.05	.....	.....	.....	.....	.....	1	0.05	7.83	?	0.05	?	?	
	Furteepore	Madaripore	.....	.....	.....	.....	.....	0.22	.....	1	0.22	3.61	6.44	0.22	1.52	1.52
	Furteepore	Furteepore	.....	0.23	.....	.....	.....	.....	.....	1	0.23	5.37	5.08	0.23	1.22	1.22
	Furteepore	Gonundo	.....	0.20	.....	0.17	.....	.....	.....	2	0.37	2.97	5.04	0.37	1.07	1.07
	Dacca	Munshigunge	.....	0.50	.....	.....	.....	.....	.....	1	0.50	5.59	6.19	0.50	1.04	1.04
	Dacca	Dacca	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	4.73	6.77	Nil	1.03	1.03
BENGAL General.	Narainkunge	.....	0.37	.....	.....	0.02	.....	.....	2	0.39	3.64	6.88	0.39	0.63	0.63	
	Manickkunge	.....	0.41	.....	.....	.....	.....	.....	1	0.41	3.84	6.18	0.41	1.24	1.24	
	Joydebpore	.....	0.55	.....	.....	.....	.....	.....	1	0.55	4.78	?	0.55	?	?	
	Hill Tipperah	Agartola	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	7.94	7.23	Nil	1.19	1.19
	Hill Tipperah	Comilla	.....	0.17	.....	.....	.....	.....	.....	1	0.17	4.15	6.88	0.17	0.95	0.95
	Hill Tipperah	Chandpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	4.80	7.41	Nil	1.05	1.05
	Hill Tipperah	Brahmanheria	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	7.59	7.53	Nil	1.72	1.72
	Hill Tipperah	Ramchandrapore.	.....	0.38	.....	.....	.....	.....	.....	1	0.38	5.35	?	0.38	?	?
	Hill Tipperah	Nasirnagar	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	4.69	?	Nil	?	?
	Hill Tipperah	Daudkandi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	7.31	?	Nil	?	?
BENGAL General.	Kasba	.....	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	3.86	?	Nil	?	?
	Laksham	.....	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	3.60	?	Nil	?	?
	Mymensingh	Kishoregunge	.....	.....	0.48	.....	.....	.....	.....	1	0.48	2.15	7.25	0.48	1.61	1.61
	Mymensingh	Atia (Tangail)	1.29	.....	.....	.....	.....	.....	.....	1	1.29	2.14	4.76	Nil	1.22	1.22
	Mymensingh	Mymensingh	0.90	.....	0.78	.....	.....	.....	.....	2	1.68	5.76	6.69	0.78	1.07	1.07
	Mymensingh	Jamulpore	1.36	.....	1.86	.....	.....	.....	.....	2	3.22	5.01	5.85	1.86	1.18	1.18
	Mymensingh	Netrokona	0.52	.....	0.32	.....	.....	.....	.....	2	1.04	4.65	7.23	0.32	0.72	0.72
	Mymensingh	Subornakhal	.....	.....	0.42	.....	0.04	.....	.....	2	0.46	1.83	?	0.46	?	?
	Mymensingh	Durgapore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	7.98	?	Nil	?	?
	Mymensingh	Dewanganj	1.14	.....	1.04	.....	0.04	.....	.....	3	2.22	2.46	?	1.08	?	?
BENGAL General.	Pubna	Pubna	.....	.....	.....	0.14	.....	0.06	.....	2	0.20	1.03	4.48	0.20	1.04	1.04
	Pubna	Seraigunge	1.31	.....	.....	.....	0.25	.....	.....	2	1.56	4.65	4.62	0.25	1.41	1.41
	Bogra	Sherpore	0.51	.....	.....	.....	0.06	0.02	.....	3	0.59	1.19	4.97	0.08	1.35	1.35
	Bogra	Nowkhilla	0.09	.....	.....	.....	.....	.....	.....	1	0.09	0.46	4.07	Nil	0.71	0.71
	Bogra	Bogra	.....	.....	.....	.....	.....	.....	0.05	1	0.05	0.56	5.00	0.05	1.31	1.31
	Bogra	Panchbibi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	4.17	Nil	1.09	1.09
	Majshahye	Beaulah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.65	3.50	Nil	1.07	1.07
	Majshahye	Nattore	.....	.....	.....	.....	.....	.....	1.40	1	1.40	1.95	4.38	1.40	0.99	0.99
	Majshahye	Nowkong	.....	.....	.....	.....	.....	.....	0.90	1	0.90	2.52	?	0.90	?	?
	Majshahye	Lalpara	0.50	.....	.....	0.53	.....	0.86	.....	3	1.89	2.27	?	1.39	?	?
BENGAL General.	Majshahye	Manda	.....	.....	.....	.....	.....	0.26	0.26	2	0.52	3.35	?	0.52	?	?
	Maldah	Maldah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.21	2.38	Nil	0.73	0.73
	Maldah	Chanchal	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.34	2.93	Nil	1.07	1.07
	Maldah	Gajol	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.72	?	Nil	?	?
	Maldah	Sibganj	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.31	?	Nil	?	?
	Dinapore	Mohadebpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.25	3.45	Nil	0.49	0.49
	Dinapore	Churamon	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.98	2.59	Nil	0.72	0.72
	Dinapore	Raigunge	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.68	4.07	Nil	1.43	1.43
	Dinapore	Dinapore	0.47	.....	.....	.....	.....	.....	0.10	2	0.57	1.15	3.69	0.10	1.40	1.40
	Dinapore	Baloorghat	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.17	2.24	Nil	0.84	0.84
BENGAL General.	Rangpore	Bhawanigunge (Gyabanda.)	1.06	.....	1.30	.....	.....	.....	.....	2	2.36	4.21	6.27	1.30	1.80	1.80
	Rangpore	Rangpore	0.87	.....	0.77	.....	.....	.....	.....	2	1.64	3.02	5.19	0.77	2.12	2.12
	Rangpore	Kurigram	3.38	.....	0.53	.....	.....	.....	.....	2	3.91	5.43	7.90	0.53	2.46	2.46
	Rangpore	Bagdogra	.....	.....	0.26	.....	.....	.....	.....	1	0.26	2.65	6.67	0.26	2.33	2.33
	Rangpore	(Niphemari).	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Rangpore	Utopore	2.51	.....	0.50	.....	.....	.....	.....	2	3.01	4.02	?	0.50	?	?
	Jalpaigore	Jalpaigore	0.75	.....	2.40	0.16	.....	0.23	2.17	6	5.71	9.63	5.96	4.62	1.66	1.66
	Jalpaigore	Alipore	0.31	2.06	1.54	2.80	1.08	1.65	1.00	7	10.44	17.57	?	10.13	?	?
	Jalpaigore	Fallacotta	0.07	0.11	0.66	1.37	0.48	0.70	0.58	7	3.97	7.90	?	3.90	?	?
	Jalpaigore	Debiganj	1.07	.....	1.00	.....	.....	.....	.....	2	2.07	6.25	?	1.90	?	?
BENGAL General.	Cooch Behar	Dunhatta	2.25	0.04	3.11	1.70	.....	.....	0.25	6	7.35	10.84	7.44	5.19	2.75	2.75
	Cooch Behar	Cooch Behar	0.72	0.80	1.64	0.76	.....	0.18	0.45	6	4.54	8.61	3.82	3.70	?	?
	Cooch Behar	Mickligunge	0.96	.....	1.70	.....	.....	0.53	.....	3	3.19	6.58	6.62	2.23	2.43	2.43
	Cooch Behar	Matabhanka	1.02	0.04	2.48	1.20	.....	0.03	1.54	6	6.11	7.72	6.92	5.09	2.63	2.63
	Darjeeling Hill.	Buzin	2.46	0.18	0.17	0.52	7.12	2.21	.....	6	12.66	18.10	10.97	10.29	4.30	4.30
	Darjeeling Hill.	Silliguri	0.72	.....	0.79	0.37	.....	0.27	0.05	6	2.20	7.07	2.86	1.43	0.71	0.71
	Darjeeling Hill.	Darjeeling	0.02	.....	.....	.....	.....	.....	0.29	2	0.31	2.43	5.10	0.29	0.88	0.88
	Darjeeling Hill.	Kalimpong	0.06	0.09	.....	.....	.....	.....	0.16	3	0.31	1.56	5.06	0.31	0.99	0.99
	Purneah	Kissengunge	0.30	.....	.....	.....	.....	.....	.....	1	0.30	2.88	2.87	Nil	0.73	0.73
	Purneah	Arraerah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.26	3.35	Nil	0.85	0.85
BENGAL General.	Purneah	Purneah	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.43	2.37	Nil	0.83	0.83
	Purneah	Gondwara	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Purneah	Balarampore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.99	?	Nil	?	?
	Purneah	Mariari	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.22	?	Nil	?	?
	Purneah	Kaliaganj	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	North Bhagalpore.	Madanapore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.49	2.55	Nil	0.78	0.78
	North Bhagalpore.	Sopool	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.41	2.29	Nil	0.31	0.31
	North Bhagalpore.	Protaganj	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.23	?	Nil	?	?
	Darbhanga	Tajpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1.43	Nil	0.16	0.16
	Darbhanga	Darbhanga	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	2.09	1.54	Nil	0.31	0.31
BENGAL General.	Darbhanga	Madhubani	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.60	1.80	Nil	0.47	0.47
	Darbhanga	Bahera	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.69	?	Nil	?	?
	Darbhanga	Koshera	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.24	?	Nil	?	?
	Moufflerpore	Sitamarhi	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.35	1.66	Nil	0.33	0.33
	Moufflerpore	Moufflerpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.40	1.66	Nil	0.33	0.33
	Moufflerpore	Hajipore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.11	1.03	Nil	0.23	0.23
	Moufflerpore	Para	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	1.53	?	Nil	?	?
	Moufflerpore	Mahua	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	Nil	?	?
	Moufflerpore	Sukhar	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.66	?	Nil	?	?
	Moufflerpore	Supri	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.10	1.63	Nil	0.43	0.43
BENGAL General.	Unumpan	Medinari	.....													

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 20th of May 1887—*concluded*

Met. orological Division.	District.	Station.	RAINFALL.							TOTAL.		Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 15th May 1887.	Average rainfall from 15th May to date.
			Saturday, 14th May.	Sunday, 15th May.	Monday, 16th May.	Tuesday, 17th May.	Wednesday, 18th May.	Thursday, 19th May.	Friday, 20th May.	Number of rainy days.	Rainfall week.				
NORTH BEHAR— <i>concluded</i> .	SARAH	Gopalgunge...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.63	2.20	Nil	0.00
		Sewah...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.88	0.88	Nil	0.00
SOUTH BEHAR	Shahabad	Chuprah...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.78	0.78	Nil	0.00
		Buxar...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.47	0.47	Nil	0.00
		Dohree...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.02	?	Nil	0.00
		Bhudooh...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.80	0.80	Nil	0.00
		Kasseram...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.74	0.74	Nil	0.00
		Arrah...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.02	0.78	Nil	0.00
		Mohania...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	Nil	0.00
	G.A.	Aurangabad...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.13	1.08	Nil	0.00
		Gya...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.77	0.77	Nil	0.00
		Nowadah...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.30	1.30	Nil	0.00
		Jehanabad...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.02	0.72	Nil	0.00
		Arwal...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.74	?	Nil	0.00
		Jandnagar...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.30	?	Nil	0.00
		Sherphat...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	Nil	0.00
		Rajauli...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.00	?	Nil	0.00
		Pakri harawan...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	Nil	0.00
	Patna	Patna...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.14	0.97	Nil	0.00
		Dumra...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.08	0.98	Nil	0.00
		Behar...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	1.24	Nil	0.00
		Kurra...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.05	1.25	Nil	0.00
		Tickram...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	Nil	0.00
		Ilisa...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	Nil	0.00
	Monahyr	Begoesar...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.82	1.29	Nil	0.00
		Monahyr...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.31	1.41	Nil	0.00
		Jamui...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.00	1.78	Nil	0.00
		Gogri...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.75	?	Nil	0.00
		Sheikpura...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	Nil	0.00
	South Bhaugulpore.	Bhaugulpore...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.10	1.48	Nil	0.00
		Bhukha...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.02	1.00	Nil	0.00
		Kulpong...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	Nil	0.00
	South Pergunnahs.	Rajmahal...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.75	3.01	Nil	0.00
		Gudab...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.48	1.00	Nil	0.00
		Pakour...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.00	1.88	Nil	0.00
		Aya loomka...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.00	1.72	Nil	0.00
		Deokur...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.38	1.79	Nil	0.00
		Jamui...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.24	2.21	Nil	0.00
		Santa...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.50	?	Nil	0.00
		Ambarat...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.00	?	Nil	0.00
CHUTIA NAG-PUR.	Hazaribagh	Pacham...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.37	1.11	Nil	0.00
		Hazaribagh...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.47	1.13	Nil	0.00
		Schimgum...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.35	1.00	Nil	0.00
		Manohar Hill...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	Nil	0.00
		Jhoomrah Hill...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	Nil	0.00
		Dalt...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	Nil	0.00
		Chitra...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.14	?	Nil	0.00
		Haradaha...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.84	?	Nil	0.00
		Samghat...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.40	?	Nil	0.00
	Lohardugga	Lohardugga...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.08	?	Nil	0.00
		Guch...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.32	1.05	Nil	0.00
		Pachow...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.71	?	Nil	0.00
		Salt...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.10	?	Nil	0.00
		Batimat...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	Nil	0.00
		Basseabad...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	Nil	0.00
		Gurkha...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	?	?	Nil	0.00
	Singbhoom	Chyetmas...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	2.05	2.42	Nil	0.00
		Chakradhar...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.11	?	Nil	0.00
		Chotolia...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.88	?	Nil	0.00
		Baharagura...	Nil	Nil	Nil	Nil	Nil	0.47	?	1	0.47	1.75	?	0.47	?
	Manbhoom	Furuli...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.67	2.39	Nil	0.00
		Gobindapore...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.71	1.10	Nil	0.00
		Kagnanath...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.85	?	Nil	0.00
		Barrabhoom...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1.00	?	Nil	0.00
		Jhalas...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.10	?	Nil	0.00
		Chas...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	0.18	?	Nil	0.00

Explanation.—In cases that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall column are left blank.

CALCUTTA, the 24th May 1887.



**SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS  
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVA-  
TIONS TAKEN IN ASSAM, FOR THE WEEK ENDING FRIDAY, THE 20TH  
OF MAY 1887.**

THE meteorological conditions of the present week do not call for very detailed remark. Pressure was, on the 13th May, decidedly below the normal, and on Saturday, the 14th, the pressure changes over the Province were generally small, and it was rising slightly in most districts, but still pressure was largely below the normal, the defect in some instances being as much as 0.2", and the general distribution of pressure over the Province was similar to that which generally obtains immediately before the commencement of the rainy season. Dry westerly winds were blowing in Chutia Nagpur and at many of the stations in South Behar, south-westerly winds were blowing in Orissa and South-West Bengal, southerly and south-easterly winds in East Bengal, and strongly easterly winds in Assam and in the northern districts. Rain was falling in North Bengal in the districts near the hills, and rather heavy rain was reported from all the stations in Assam, and on the 14th Dhubri reported 3.49 inches and Sibsagar 1.49 inches. With the occurrence of westerly winds also humidity had become decidedly low at the western stations in the Province. On the 15th, pressure commenced to increase, but otherwise conditions scarcely altered; rainfall still continued in North Bengal and in Assam, while a few stations in East Bengal also received rain. This was followed, on the 16th, by a rapid rise of pressure over the greater part of the Province. On the 17th, the increase of pressure practically ceased, and for the remainder of the week there was little or no change, except on the 19th, when there was a small general increase of pressure. Weather conditions therefore remained for these five days almost similar to those at the commencement of the week, and rainfall continued in Assam almost daily throughout the week, Dhubri, on the 16th, again receiving the heavy fall of 2.56 inches. Rainfall was also general in the hill districts of North Bengal on practically every day of the week, while only a few showers were received in East Bengal and in the eastern districts of South-West Bengal. Except for a few isolated showers, the remainder of the Province has been practically rainless for the week.

It will thus be seen that the tendency of the changes during the week was to bring back to a great extent the ordinary hot weather conditions to Bengal, and the week has been characterised usually by absence of rain, except in the districts above referred to, extremely high temperature, and very low humidity at the western stations.

Though the week has thus, from a meteorological point of view, been a quiet and normal one in Bengal, certain changes have been taking place in the Bay of Bengal. Stormy winds were blowing in the south of the Bay at the close of the previous week, but they shortly died away and became almost normal in force. On the 18th instant, however, winds began to increase in force again at the southern stations, and winds became north-easterly at Diamond Island and easterly at Akyab. On the 19th, winds again strengthened in Ceylon, pressure fell at Diamond Island, where wind became south-east, and wind at Akyab became north-east. These conditions developed still further on the 20th; and on this day it became clear that a cyclonic storm was forming to the west and north-west of the Andaman Islands, and the formation of the storm was being accompanied by a large increase in the wind velocity at Diamond Island. Conditions therefore at the close of the week had become decidedly disturbed in the Bay; and in the centre and south-east of it probably at this time weather was decidedly stormy.

Pressure was, at the commencement of the week, largely below the normal; but it rose almost steadily throughout the week, so that at its close it had become more nearly normal. The mean pressure for the week has thus been below the normal in all districts. The average defect is about 0.08 inch, and the defect is fairly equally distributed in all districts except Chutia Nagpur; for at those stations from which pressure averages have been obtained for the largest number of years, and excluding the newly-established stations, the extreme variations are from a defect of 0.099 inch at Calcutta to one of 0.074 inch at Bankipore and 0.071 inch at Saugor Island.

Temperature, as might be expected from the conditions above described, has been very high throughout the week, and in all districts except Assam, where temperature has been very nearly normal. It has been from about 3° to 7° above the normal. The average mean temperature for the whole of the Province of Bengal has been 4.5° above the normal, while in Chutia Nagpur it has been 7.1° above the normal. Some extremely high maximum temperatures have been recorded. The following are the highest maximum temperatures in each meteorological division of the Province, including Assam:—

DIVISION.	Date.	Station.	Temperature.
	1887.		
Orissa ... ..	16th May ...	Cuttack ... ..	113.9°
South-West Bengal ... ..	19th " ...	Raneegunge ... ..	110.0°
East Bengal ... ..	19th " ...	Burrisal ... ..	94.3°
North " ... ..	19th " ...	Rampore Beaulah ... ..	105.4°
" Behar ... ..	18th " ...	Chupra ... ..	109.0°
South " ... ..	19th " ...	Gya ... ..	110.1°
Chutia Nagpur ... ..	16th " ...	Hazaribagh ... ..	106.5°
Assam ... ..	19th " ...	Silchar ... ..	93.5°



Several times in the week nearly 20 stations in the province in a day have reported maximum temperatures of above 100°. Some idea will also be given of the high temperature which has obtained when it is stated that, on the 19th, four out of the six reporting stations in South Behar registered temperatures above 100° at 10 A.M., while at Dehree on this day at 10 A.M. it was 105·8°.

*Humidity*—Some remarkably low humidities at the western stations have been reported during the week. Thus, at 10 A.M. of the 19th, at Hazaribagh, the humidity was only 7 per cent. of the possible amount. At Hazaribagh and Ranchee, on the 18th, the saturation was only 10 per cent., and on several days at such stations as Hazaribagh, Dehree, Buxar, and Ranchee the humidity varied from 10 up to 13 per cent. These figures represent excessively dry states of the atmosphere.

*Rainfall*, as has already been stated, has been mainly confined to Assam, North Bengal, and to parts of East and South-West Bengal. In Assam the rainfall has apparently been heaviest, and at the three stations which send in reports, the following amounts have been received:—Dhubri 7·55 inches, Silchar 2·34 inches, and Sibsagar 2·18 inches. In North Bengal the districts in and near the hills have received very heavy rain. Thus, the Julpigoori district has received an average fall of 5·39 inches, the Darjeeling district 3·87 inches, and the Rungpore district 2·04 inches. In East Bengal, the Mymensingh district has received an average of 1·54 inches, but, with these exceptions, no other district has received an average fall of an inch of rain during the week. The following districts have received average falls of between half and one inch:—Krishnagar, Jessore, Dacca, Serajunge, and Rampore Beaulah. Very small average falls are reported in most of the remaining districts of Orissa, South-West, East and North Bengal, but, excepting in Purneah, no rain has fallen in Behar or in Chuta Nagpur. Some very heavy falls of rain have already occurred at some of the Northern Bengal stations; and thus at Buxar in the Darjeeling Hills district, 7·11 inches of rain were received on the 18th, Dinhatta, in the Cooch Behar district, received 3·12 inches on the 16th, while several falls of between 2 and 3 inches have been reported.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 20th of May 1887:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.								RAINFALL.							
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 15th May 1887.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	113·9	71·8	97·2	82·6	89·9	+3·7	0·11	0·70	-0·59	0·2	1·4	-1·2	1·55	2·40	0·11	0·63
South-West Bengal	110·0	72·8	100·7	81·5	91·1	+3·1	0·31	0·83	-0·54	0·9	1·7	-0·8	2·98	3·42	0·31	0·73
East Bengal	94·3	71·4	90·9	78·5	84·7	+2·4	0·43	1·51	-1·08	0·9	2·3	-1·4	5·28	6·22	0·27	1·25
North Bengal	105·4	66·7	95·5	76·6	86·1	+5·5	1·65	1·89	-0·04	1·8	2·2	-0·4	3·25	4·84	1·09	1·52
North Behar	109·0	72·3	101·7	79·9	90·8	+5·9	0·02	0·45	-0·46	0·1	0·8	-0·7	0·64	1·87	Nil	0·43
South Behar	110·1	76·1	106·0	82·0	94·0	+5·5	Nil	0·53	-0·53	0·0	0·9	-0·9	0·61	1·36	Nil	0·47
Chota Nagpur	106·5*	74·4*	104·2*	80·3*	92·3*	+7·1*	Nil	0·47	-0·47	0·0	1·2	-1·2	0·64	1·54	Nil	0·41
Assam	93·5	70·3	86·2	74·3	80·3	+0·2	—	—	—	—	—	—	—	—	—	—

\* Chyabassa not included.

METEOROLOGICAL OFFICE, BENGAL:

The 24th May 1887.

A. PEDLER,

Offg. Meteorological Reporter to the Govt. of Bengal.

## Results of the Meteorological Observations taken at the Alipore Observatory from 15th to 21st May 1887.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 23° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1887.		°		inches.	°	°		°	°	Inches.	°	%			Inches.	
May	15th	151.5	9.3	29.571	88.2	95.7	14.4	81.3	83.1	1.064	81.1	81	SSE and S	179	[Nil]	Chiefly cloudy.
"	16th	151.3	7.0	.611	88.6	97.5	16.3	81.2	82.9	1.053	80.8	79	SSE and SW	130	"	Clear.
"	17th	153.0	8.8	.613	89.2	95.7	14.6	81.1	82.7	1.030	80.1	76	SSW and S by W	126	"	Partially cloudy.
"	18th	156.5	9.6	.606	89.3	98.9	17.8	81.1	82.2	1.004	79.3	74	SSW and S	157	"	Partially cloudy.
"	19th	153.4	8.7	.634	88.8	97.1	15.4	81.7	81.2	0.967	78.2	72	SSE and SSW	192	"	Partially cloudy.
"	20th	156.5	7.8	.631	88.0	96.7	17.2	79.5	80.0	.921	76.7	70	S and SSE	146	"	Chiefly cloudy.
"	21st	153.5	9.4	.596	87.9	96.8	17.7	79.1	78.3	.842	74.0	64	SSE and S by W	114	"	Clear.

The mean pressure of the seven days	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Inches.
The average pressure of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29.609
The total number of hours of bright sunshine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Hours.
The maximum possible number of hours of sunshine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	92.5
The mean temperature of the seven days	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	°
The average temperature of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	88.6
The extreme variation of temperature	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	86.5
The maximum temperature	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19.8
The highest velocity of the wind in one hour	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Miles.
The highest pressure of wind on one square foot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
The mean relative humidity	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	lbs.
The average relative humidity of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Not measurable.
The total fall of rain from 15th to 21st May 1887	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	%
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	74
The total fall from 1st January to 21st May 1887	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Inches.
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil.
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.90
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8.64
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7.58

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 11h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;  
Calcutta, the 23rd May 1887.

Results of the Thermometrical Observations taken at the Meteorological Office,  
Chowringhee, from 15th to 21st May 1887.

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1887.		°	°	°	°	°	Inches.	°	%	Inches.
May	15th	88.1	97.8	16.0	81.8	84.1	1.117	82.6	84	Nil.
"	16th	88.4	99.2	17.8	81.4	82.1	1.013	79.6	75	"
"	17th	89.1	101.1	19.3	81.8	83.1	1.063	80.8	77	"
"	18th	89.6	101.5	19.9	81.6	83.1	1.047	80.6	75	"
"	19th	88.9	101.0	19.1	81.9	82.8	1.041	80.4	77	"
"	20th	87.1	99.8	20.4	79.4	79.7	.915	76.6	71	"
"	21st	87.9	98.7	19.4	79.3	80.3	.933	77.2	71	"

The mean temperature of the seven days ... 88.4

The extreme variation of temperature ... 22.2

The maximum temperature ... 101.5

The mean relative humidity ... 76%

The total fall of rain from 15th to 21st May 1887... Nil.

The mean temperature and humidity are obtained by applying to the mean of the 10a, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;

The 23rd May 1887.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

## MEMORANDUM.

THE leading features in connection with the vital statistics of the principal Municipalities in Bengal, for the week ending 7th May 1887, are the following:—

1. That births and deaths were registered in these Municipalities at the rates, respectively, of 16·2 and 23·7 per 1,000 of population as opposed to 15·8 and 24·5 per 1,000, in the preceding week ending 30th April.

2. That the highest proportions of births and deaths were furnished by the following Municipalities:—

Births.			Deaths.		
		Ratio per mille.			Ratio per mille.
Beauleah	...	39·4	Comillah	...	50·1
Comillah	...	38·5	Beauleah	...	47·3
Gya	...	32·2	Gya	...	45·1
			Puri	...	35·7
			Suburbs of Calcutta	...	35·2
			Hughli	...	29·5
			Patna	...	29·5

3. That the casualty-rates from the principal diseases specified in the following table exhibit no noticeable differences in comparison with the death-rates from the same diseases in the preceding week:—

					Ratio per mille during the weeks ending—	
					7th May 1887.	30th April 1887.
Cholera	...	...	...	...	6·8	6·9
Small-pox	...	...	...	...	·2	·4
Fever	...	...	...	...	8·0	7·9
Bowel-complaints	...	...	...	...	2·7	2·6
Injury	...	...	...	...	·5	·3
Other causes	...	...	...	...	5·5	6·4

4. That eliminating small-pox and fever, which proved notably fatal, the former only in the Gya town, viz., at the rate of 3·4 per 1,000 of population, and the latter in the Beauleah Municipality, viz., at 34·2 per 1,000, and bowel-complaints and injury which did not exhibit any local exacerbation in fatality, cholera and the maladies returned under the head of "Other causes" manifested exceptional mortality in the following Municipalities:—

Cholera.			Ratio per mille.	Other causes.			Ratio per mille.
Comillah	...	...	19·2	Gya	...	...	14·3
Patna	...	...	16·5	Puri	...	...	12·6
Suburbs of Calcutta	...	...	14·5	Kishnaghur	...	...	11·3
Gya	...	...	10·9				
Serampore	...	...	7·8				
Howrah	...	...	5·1				
Mozufferpore	...	...	4·9				

5. That the mortality referable to Sex, Class and Age stood as exhibited below:—

According to Sex.			According to Class.			According to Age.		
		Ratio per mille.			Ratio per mille.			Ratio per mille.
Males	...	25·1	Christians	...	30·4	Under 1 year	...	117·5
Females	...	22·2	Hindus	...	22·7	1 and under 5 years	...	37·0
Ratio of male deaths to every 100 female deaths	127		Mahomedans	...	26·1	5 " " 10 "	...	13·9
						10 " " 15 "	...	10·4
						15 " " 20 "	...	15·2
						20 " " 30 "	...	14·2
						30 " " 40 "	...	15·2
						40 " " 50 "	...	18·8
						50 " " 60 "	...	25·1
						60 years and upwards	...	57·5

R. LIDDERDALE, M.D., Deputy Surgeon-General,

Sanitary Commissioner for Bengal.

The 21st May 1887.





[illegible]

*v.v., Deputy Surgeon-General,  
Sanitary Commissioner for Bengal.*

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,  
The 23rd May 1887.

OFFICE OF

## PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statements showing quantities of Goods carried during the month of March 1887.

## ORISSA CIRCLE.

## TALDUNDAH CANAL SYSTEM.

LENGTH OF CANAL OPEN { TALDUNDAH CANAL 27 MILES.  
MACHGONG „ 4 „

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.	
		Quantity—Tons.			Value.	Quantity.	Value.
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.
18	1. Grain ...	.....	198	198	4,250	198	4,250
.....	2. Cotton ...	.....	.....	.....	.....	.....	.....
.....	3. Oilseeds ...	.....	.....	.....	.....	.....	.....
.....	4. Salt ...	.....	.....	.....	.....	.....	.....
.....	5. Piece-goods ...	.....	.....	.....	.....	.....	.....
16	6. Metal ...	.....	152	152	119	152	119
14	7. Building materials	.....	179	179	1,225	40	225
7	8. Miscellaneous ...	.....	84	84	1,170	84	1,170
1	9. Fuel ...	.....	12	12	30	12	30
11 rafts	10. Timber ...	.....	166 No.	166 No.	284	166 No.	284
19 „	11. Bamboos ...	.....	52,200 „	52,200 „	846	52,200 „	846
56 & 30 rafts	12. Total ...	.....	625 & 52,366 No.	625 & 52,366 No.	7,924	486 & 52,366 No.	6,924
148	13. Total of same month last year	.....	.....	667	11,134	574	10,743

	Up.	Down.	Total.		Rs. A. P.
14. Total number of boats plying cargo No.	42	62	104*	Total tollage of month— 24 + 25 + 26 ...	488 11
15. Total number of boats plying passenger No.	35	35	70	Total tollage of same month last year ...	466 13 11
15½. Total number of empty boats ...	42	6	48		
16. Total registered tonnage, cargo ...	392	1,081	1,473		
17. Total registered tonnage, passenger ...	1,010	702	1,712	Memorandum of Tollage.	
18. Ton-mileage ...	8,864	20,519	29,383		
19. Estimated value of cargo Rs.	50	6,744	6,794		Rs. A. P.
20. Number of passengers No.	3,585	.....	3,585	1. Balance not recovered on the 1st of the month ...	73 11 6
21. Rafts, bamboos c. ft.	.....	.....	.....	2. Tollage per month ...	488 11 0
22. Do., bullahs „	.....	.....	.....		
23. Estimated value of rafts Rs.	.....	1,130	1,130		
24. Tollage on boats „	175-7-6	255-4-0	430-11-6	3. Total ...	562 6
25. Compounded tollage on boats ... Rs.	.....	.....	.....		
26. Tollage on rafts „	.....	57-15-6	57-15-6	4. Amount credited in the accounts of the month ...	449 13
27. Total tollage on boats per ton-mile ...	.....	.....	2-81 pie		
28. Total tollage on rafts per 100 cubic feet ...	.....	.....	.....	5. Balance due at the end of the month ...	112 8 9



## KENDRAPARA CANAL SYSTEM.

LENGTH OF CANAL OPEN, 75 MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.			PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	
		Up.	Down.	Total.	Rupees.	Tons.	
224	1. Grain ...	603	1,062	1,665	1,35,760	1,665	1,35,760
1	2. Cotton ...	.....	4	4	1,000	4	1,000
13	3. Oilseeds ...	.....	122	122	27,150	122	27,150
23	4. Salt ...	75	73	148	12,450	148	12,450
.....	5. Piece-goods ...	.....	.....	.....	.....	.....	.....
2	6. Metal ...	.....	2	2	450	2	450
67	7. Building materials ...	12	582	594	4,630	104	1,220
138	8. Miscellaneous ...	893	314	1,207	1,90,850	1,207	1,90,850
3	9. Fuel ...	113	.....	113	490	113	490
22 rafts	10. Timber ...	84 No.	2,466 No.	2,550 No.	4,300	2,550 No.	4,300
34 "	11. Bamboos ...	.....	73,680 "	73,680 "	890	73,680 "	890
471 & 56 rafts.	12. Total ...	1,696 & 84 No.	2,159 & 76,146 No.	3,855 & 76,230 No.	3,77,970	3,365 & 76,230 No.	3,74,560
1,181	13. Total of same month last year ...	.....	.....	4,095	2,97,920	3,059	2,97,020

  

	Up.	Down.	Total.		Rs. A. P.
4. Total number of boats plying cargo No.	149	322	471	Total tollage of month—24+25+26 ...	5,751 15 7
5. Total number of boats plying passenger No.	45	69	114	Total tollage of same month last year ...	6,189 10 7
6. Total registered tonnage, cargo ...	1,696	2,159	3,855	<i>Memorandum of Tollage.</i>	
Total registered tonnage, passenger ..	1,356	1,777	3,133		
7. Ton-mileage ...	120,740	162,143	282,883		
Estimated value of cargo Rs.	1,84,160	1,88,620	3,72,780		
Number of passengers No.	3,021	3,228	6,249	1. Balance not recovered on the 1st of the month ...	5,516 12 0
Rafts, timbers c. ft.	84	2,466	2,550	2. Tollage per month ...	5,751 15 7
Do, bamboos "	.....	73,680	73,680		
Estimated value of rafts Rs.	200	4,990	5,190	3. Total ...	11,268 11 7
Tollage on boats "	2,400-11-11	3,129-5-9	5,530-1-8		
Compounded tollage on boats ...	.....	.....	.....	4. Amount credited in the accounts of the month ...	4,316 12 1
Tollage on rafts "	8-10-1	213-3-10	221-13-11		
Total tollage on boats per ton-mile ...	.....	.....	0-0-3-8	5. Balance due at the end of the month ...	6,951 15 6
Total tollage on rafts per 100 cubic feet ...	.....	.....	0-4-8		



## HIGH LEVEL CANAL, RANGE I.

LENGTH OF CANAL OPEN, 34 MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.			PRIVATE.		REMARKS.
		Quantity—Tons		Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	
142	1. Grain ...	400	.....	400	31,870	400	31,870
.....	2. Cotton ...	.....	.....	...	.....	.....	.....
6	3. Oilseeds ...	26	.....	26	2,910	26	2,910
38	4. Salt ...	.....	149	149	12,370	149	12,370
...	5. Piece-goods ...	.....	.....	.....	.....	.....	.....
1	6. Metal ...	3	...	3	450	3	450
37	7. Building materials ...	68	366	434	780	82	630
132	8. Miscellaneous ...	471	168	639	31,770	639	31,770
11	9. Fuel ...	49	.....	49	130	49	130
15 rafts	10. Timber ..	4,373 No.	.....	4,373 No.	9,090	4,373 No.	9,090
1 "	11. Bamboos ...	.....	3,100 No.	3,100 "	40	3,100 "	40
367 & 16 rafts.	12. Total ...	1,017 & 4,373 No.	683 & 3,100 No.	1,700 & 7,473 No.	89,410	1,348 & 7,473 No.	89,260
561	13. Total of same month last year ...	.....	.....	1,275	92,410	1,268	91,910

	Up.	Down.	Total.		Rs. A. P.
14. Total number of boats plying cargo No.	261	106	367	Total tollage of month— 24 + 25 + 26 ...	1,210 5 3
15. Total number of boats plying passenger No.	1	1	2	Total tollage of same month last year ...	1,124 10
16. Total registered tonnage, cargo ...	1,017	683	1,700	<i>Memorandum of Tollage.</i>	
17. Total registered tonnage, passenger ...	4	4	8		
18. Ton-mileage ...	22,386	9,562	31,948		
19. Estimated value of cargo Rs.	51,500	28,780	80,280		
20. Number of passengers No.	3	3	6	1. Balance not recovered on the 1st of the month ...	231 8
21. Rafts, bamboos c. ft.	.....	3,100	3,100	2. Tollage per month ...	1,210 5
22. Do., timbers "	4,373	.....	4,373	3. Total ...	1,441 14
23. Estimated value of rafts Rs.	9,090	40	9,130		
24. Tollage on boats "	501-13-0	284-11-6	786-8-6	4. Amount credited in the accounts of the month...	1,328 4
25. Compounded tollage on boats Rs.	.....	.....	.....		
26. Tollage on rafts "	420-14-9	2 14-6	423-13-3	5. Balance due at the end of the month ...	113 10
27. Total tollage on boats per ton-mile ...	.....	.....	0-0-4-7		
28. Total tollage on rafts per 100 cubic feet ...	.....	.....	5-10-8		

## HIGH LEVEL CANAL, RANGE II.

LENGTH OF CANAL OPEN, 12½ MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.			PRIVATE.		REMARKS.
		Quantity—Tons.		Value.	Quantity.	Value.	
		Up.	Down.	Total.	Tons.	Rupees.	
69	1. Grain ...	212	19	231	231	12,349	
1	2. Cotton ...	1	.....	1	1	105	
26	3. Oilseeds ...	80	.....	80	80	8,378	
5	4. Salt ...	34	.....	34	34	4,885	
1	5. Piece-goods ...	3	.....	3	3	900	
.....	6. Metal ...	.....	.....	.....	.....	.....	
58	7. Building materials ...	493	.....	493	.....	215	
215	8. Miscellaneous ...	433	21	454	188	1,893	
20	9. Fuel ...	114	.....	114	.....	320	
.....	10. Timber ...	.....	.....	.....	.....	.....	
.....	11. Bamboos ...	.....	.....	.....	.....	.....	
395	12. Total ...	1,370	40	1,410	537	28,510	
488	13. Total of same month last year ...	.....	.....	400	400	35,574	

	Up.	Down.	Total.		Rs. A. P.
4. Total number of boats plying cargo No.	372	23	395	Total tollage of month— 24 + 25 + 26 ...	464 10 9
5. Total number of boats plying passenger No.	6	1	7	Total tollage of same month last year ...	521 6 9
6. Total registered tonnage, cargo ...	1,370	40	1,410	<i>Memorandum of Tollage.</i>	
7. Total registered tonnage, passenger ...	12	1	13		
8. Ton-mileage ...	34,192	984	35,176		
9. Estimated value of cargo Rs.	28,432	613	29,045		Rs. A. P.
10. Number of passengers No.	188	135	323	1. Balance not recovered on the 1st of the month ...	32 1 3
1. Rafts, bamboos c. ft.	8,800	.....	8,800	2. Tollage per month ...	464 10 9
2. Do., bullahs "	550	.....	550	3. Total ...	496 12 0
3. Estimated value of rafts Rs.	1,830	.....	1,830	4. Amount credited in the accounts of the month ...	432 4 6
4. Tollage on boats "	415-5-3	10-14-0	426-3-6	5. Balance due at the end of the month ...	64 7 6
5. Compounded tollage on boats ... Rs.	.....	.....	.....		
6. Tollage on rafts "	38-7-3	.....	38-7-3		
7. Total tollage on boats per ton-mile ...	.....	.....	0-2-6		
8. Total tollage on rafts per 100 cubic feet ...	.....	.....	0-6-0		

HIGH LEVEL CANAL, RANGE III.  
LENGTH OF CANAL OPEN, 19½ MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.			PRIVATE		REMARKS.
		Quantity—Tons.		Value.	Quantity.	Value.	
		Up.	Down.	Rupees.	Tons.	Rupees.	
43	1. Grain ...	142	.....	142	7,300	142	7,300
.....	2. Cotton ...	.....	.....	.....	.....	.....	.....
1	3. Oilseeds ...	.....	5	5	318	5	318
1	4. Salt ...	.....	6	6	668	6	668
.....	5. Piece-goods ...	.....	.....	.....	.....	.....	.....
.....	6. Metal ...	.....	.....	.....	.....	.....	.....
17	7. Building materials ...	.....	127	127	350	.....	.....
83	8. Miscellaneous ...	55	96	151	1,160	4	1,160
.....	9. Fuel ...	.....	.....	.....	.....	.....	.....
.....	10. Timber ...	.....	.....	.....	.....	.....	.....
.....	11. Bamboos ...	.....	.....	.....	.....	.....	.....
145	12. Total ...	197	234	431	9,796	157	9,446
296	13. Total of same month last year ...	.....	.....	152	17,647	152	17,647

  

	Up.	Down.	Total.		Rs. A. P.
14. Total number of boats plying cargo No.	66	79	145	Total tollage of month— 24 + 25 + 26 ...	143 0 9
15. Total number of boats plying passenger No.	3	2	5	Total tollage of same month last year ...	448 6 9
16. Total registered tonnage, cargo ...	197	234	431	<i>Memorandum of Tollage.</i>	
17. Total registered tonnage, passenger ...	9	6	15		
18. Ton-mileage ...	4,287	4,330	8,617		
19. Estimated value of cargo Rs.	7,300	2,496	9,796		Rs. A. P.
20. Number of passengers No	259	109	368	1. Balance not recovered on the 1st of the month ...	12 9 6
21. Rafts, bamboos c. ft.	.....	.....	.....	2. Tollage per month ...	143 0 9
22. Do., bullahs "	.....	232	232	3. Total ...	155 10 3
23. Estimated value of rafts Rs.	.....	500	500	4. Amount credited in the accounts of the month ...	155 10 3
24. Tollage on boats "	63-6-9	69-8-0	132-14-9	5. Balance due at the end of the month ...	Nil
25. Compounded tollage on boats Rs.	.....	.....	.....		
26. Tollage on rafts "	.....	10-2-0	10-2-0		
27. Total tollage on boats per ton-mile ...	.....	.....	0-0-2-4		
28. Total tollage on rafts per 100 cubic feet ...	.....	.....	5-0-0		

## SOUTH-WESTERN CIRCLE.

## MIDNAPORE CANAL.

LENGTH OF CANAL OPEN, 53 MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
1,241	1. Grain ...	7,140	590	7,730	3,15,854	7,730	3,15,854	* 20 maunds.
3	2. Cotton ...	.....	6	6	3,180	6	3,180	
67	3. Oilseeds ...	352	171	523	53,250	523	53,250	
126	4. Salt ...	.....	1,399	1,399	1,01,150	1,399	1,01,150	
2	5. Piece-goods ...	.....	...	.....	2,000	.....	2,000	
16	6. Metal ...	32	26	58	45,910	58	45,910	
85	7. Building materials ...	1,426	81	1,507	2,704	1,507	2,704	
402	8. Miscellaneous ...	725	595	1,320	2,03,334	1,320	2,03,334	
55	9. Fuel ...	191	444	635	5,685	635	5,685	
85 rafts	10. Timber ...	24,721 c. ft.	997 c. ft.	25,718 c. ft.	16,144	25,718 c. ft.	16,144	
3 "	11. Bamboos ...	1,500 "	75 "	1,575 "	162	1,575 "	162	
1,997 and 88 rafts	12. Total ...	9,866 and 26,221 c. ft.	3,312 and 1,072 c. ft.	13,178 and 27,293 c. ft.	} 7,49,373	13,178 and 27,293 c. ft.	} 7,49,373	
2,025	13. Total of same month last year ...			7,794	3,89,041	7,794	3,89,041	
		Up.	Down.	Total.			Rs. A. P.	
14. Total number of boats plying cargo No.		1,496	501	1,997	Total tollage of month— 24 + 25 + 26 ...		12,795 4 3	
15. Total number of boats plying passenger No.		653	732	1,385	Total tollage of same month last year ...		7,255 2 6	
15½. Total number of boats plying empty No.		412	944	1,356				
16. Total registered tonnage, cargo ...		23,405	7,565	30,970	Memorandum of Tollage.			
17. Total registered tonnage, passenger ...		4,467	3,372	7,839				
17½. Total registered tonnage, empty ...		1,084	3,695	4,779				
18. Ton-mileage ...		592,498	280,565	873,063	1. Balance not recovered on the 1st of the month ...		3,100 12 8	
19. Estimated value of cargo Rs.		4,15,130	3,17,937	7,33,067				
20. Number of passengers No.		5,777	7,510	13,287				
21. Rafts, bamboos c. ft.		1,500	75	1,575	2. Tollage per month ...		12,795 4 3	
22. Do., bullahs "		24,721	997	25,718				
23. Estimated value of rafts Rs		14,308	1,998	16,306	3. Total ...		15,896 0 11	
24. Tollage on boats "		7,710	3,638-6-6	11,348-6-6				
25. Compounded tollage on boats ... Rs.		.....	.....	1,200				
26. Tollage on rafts "		238-10-3	8-3-6	246-13-9	4. Amount paid into trea- sury during the month ...		9,880 2 6	
27. Total tollage on boats per ton-mile Pie		.....	.....	2-5				
28. Total tollage on rafts per 100 cubic feet ...		.....	.....	0-14-6	5. Balance due at the end of the month ...		6,015 14 5	



## HIDGELLEE TIDAL CANAL.

LENGTH OF CANAL OPEN, 29 MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity - Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
590	1. Grain ...	3,938	2	3,940	1,34,616	3,940	1,34,616	
.....	2. Cotton ...	.....	.....	.....	.....	.....	.....	
.....	3. Oilseeds ...	.....	.....	.....	.....	.....	.....	
42	4. Salt ...	.....	336	336	23,800	336	23,800	
25	5. Piece-goods ...	.....	64	64	44,500	64	44,500	
2	6. Metal ...	.....	10	10	1,400	7	1,000	
17	7. Building materials ...	9	108	117	6,844	14	144	
936	8. Miscellaneous ...	638	492	1,130	1,03,769	1,123	1,03,569	
20	9. Fuel ...	27	124	151	1,090	151	1,090	
7 rafts	10. Timber ...	70 c. ft.	869 c. ft.	939 c. ft.	4,370	939 c. ft.	4,370	
1 raft	11. Bamboos ...	100 „	.....	100 „	10	100 „	10	
1,632 & 8 rafts	12. Total ...	4,612 & 170 c. ft.	1,136 & 869 c. ft.	5,748 & 1,039 c. ft.	3,20,399	5,635 & 1,039 c. ft.	3,13,099	
1,987	13. Total of same month last year ...	.....	.....	5,760	2,79,815	5,735	2,78,097	

	Up.	Down.	Total.		Rs. A. P.
14. Total number of boats plying cargo No.	770	862	1,632	Total tollage of month— 24 + 25 + 26 ...	5,481 1 0
15. Total number of boats plying passenger No.	29	48	77	Total tollage of same month last year ..	5,697 15 3
16. Total registered tonnage, cargo ...	9,549	5,974	15,523	<i>Memorandum of Tollage.</i>	
17. Total registered tonnage, passenger ...	83	133	216		
18. Ton-mileage ...	198,328	113,396	311,724		Rs. A. P.
19. Estimated value of cargo Rs.	1,62,722	1,53,297	3,16,019	1. Balance not recovered on the 1st of the month ...	1,069 4 9
20. Number of passengers No.	182	319	501		
21. Rafts, bamboos c. ft.	100	.....	100	2. Tollage per month ...	5,481 1 0
22. Do., bullahs „	70	869	939		
23. Estimated value of rafts Rs.	360	4,020	4,380	3. Total ...	6,550 5 9
24. Tollage on boats „	3,476-14-0	1,991-10-6	5,468-8-6	4. Amount paid into treasury during the month ...	6,191 4 6
25. Compounded tollage on boats ... Rs.	.....	.....	.....		
26. Tollage on rafts „	2-6-0	10-2-6	12-8-6		
27. Total tollage on boats per ton-mile ...	.....	.....	0-0-3		
28. Total tollage on rafts per 100 cubic feet ...	.....	.....	1-3-3	5. Balance due at the end of the month ...	359 1 3

SONE CIRCLE.  
PATNA CANAL SYSTEM.  
LENGTH OF CANAL OPEN, 86½ MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
2	1. Grain ...	.....	14	14	570	14	570	
.....	2. Cotton ...	.....	.....	.....	.....	.....	.....	
7	3. Oilseeds ...	.....	85	85	14,762	85	14,762	
3	4. Salt ...	61	.....	61	5,980	61	5,980	
7	5. Piece-goods ...	75	.....	75	28,748	75	28,748	
1	6. Metal ...	11	1	12	3,183	12	3,183	
9	7. Building materials ...	.....	129	129	900	129	900	
93	8. Miscellaneous ...	293	350	643	78,546	611	74,371	
15	9. Fuel ... { boats	189	.....	189	2,509	187	2,479	
	rafts	.....	142	142	470	142	470	
8	10. Timber { boats	61	.....	61	1,762	11	290	
	rafts	.....	546	546	1,940	546	1,940	
2	11. Bamboos { boats	17	.....	17	357	17	357	
	rafts	35	2,352	2,387	37,779	2,387	37,779	
147	12. Total ...	742	3,619	4,361	1,77,506	4,277	1,71,829	
178	13. Total of same month last year ...	.....	.....	2,851	87,689	2,851	87,619	

  

	Up.	Down.	Total.		Rs. A. P.
4. Total number of boats plying cargo No.	84	63	147	Total tollage of month— 24 + 25 + 26 ...	2,537 11 9
5. Total number of boats plying passenger No.	6	7	13		
5½. Total number of empty boats No.	48	15	63	Total tollage of same month last year ...	1,707 0 9
6. Total registered tonnage, cargo	1 077	894	1,971		
7. Total registered tonnage, passenger	113	138	251		
7½. Total registered tonnage of empty boats	184	55	239		
				<i>Memorandum of Tollage.</i>	
8. Ton-mileage	69,080	71,656	1,40,736		Rs. A. P.
9. Estimated value of cargo Rs.	57,238	80,079	1,37,317	1. Balance not recovered on the 1st of the month ...	202 6 6
10. Number of passengers No.	345	397	742	2. Tollage per month ...	2,537 11 9
11. Rafts, bamboos c. ft.	5,200	3,52,886	3,58,086		
12. Do., bullahs	.....	51,601	51,601		
13. Estimated value of rafts Rs.	1,400	38,789	40,189	3. Total ...	2,740 2 3
14. Tollage on boats	615-9-0	575-6-0	1,190-15-0		
15. Compounded tollage on boats Rs.	75	75	150-0-0		
16. Tollage on rafts	1-10-0	1,195-2-9	1,196-12-9	4. Amount credited in the accounts of the month ...	2,477 13 9
17. Total tollage on boats per ton-mile	.....	.....	1-8 pies.		
18. Total tollage on rafts per 100 cubic feet	.....	.....	0-4-8	5. Balance due at the end of the month ...	262 4 6

## ARRAH CANAL SYSTEM.

LENGTH OF CANAL OPEN, 65 MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
.....	1. Grain ...	...	.....	.....	.....	.....	.....	
.....	2. Cotton ...	.....	.....	.....	.....	.....	.....	
8	3. Oilseeds ...	.....	65	65	4,925	65	4,925	
20	4. Salt ...	261	9	270	22,260	270	22,260	
11	5. Piece-goods ...	103	.....	103	37,049	103	37,049	
2	6. Metal ...	9	1	10	3,07,560	10	3,07,560	
15	7. Building materials ...	.....	195	195	508	56	346	
108	8. Miscellaneous ...	25	622	647	84,290	635	84,024	
28	9. Fuel ...	268	50	318	2,764	192	1,636	
Rafts {	10. Timber ...	.....	558	558	2,416	558	2,416	
	11. Bamboos ...	.....	897	897	13,460	897	13,460	
192	12. Total ...	666	2,397	3,063	4,75,232	2,786	4,73,676	
320	13. Total of same month last year ...	...	...	2,968	3,10,953	2,948	3,10,767	

  

	Up.	Down.	Total.		Rs. A. P.
14. Total number of boats plying cargo No.	64	128	192	Total tollage of month— 24 + 25 + 26 ...	1,782 10 3
15. Total number of boats plying passenger No.	10	12	22		
15½. Total number of empty boats No.	57	6	63	Total tollage of same month last year ...	1,515 13
16. Total registered tonnage, cargo ...	896	1,467	2,363	<i>Memorandum of Tollage.</i>	
17. Total registered tonnage, passenger ...	435	439	874		
17½. Total registered tonnage, empty ...	139	15	154		Rs. A. P.
18. Ton-mileage ...	80,027	91,469	1,71,496	1. Balance not recovered on the 1st of the month ...	189 12
19. Estimated value of cargo Rs.	3,73,576	85,780	4,59,356	2. Tollage per month ...	1,782 10
20. Number of passengers No.	1,186	1,107	2,293		
21. Rafts, bamboos c. ft.	.....	1,34,605	1,34,605	3. Total ...	1,972 6
22. Do., bullahs "	.....	41,870	41,870		
23. Estimated value of rafts Rs.	.....	15,876	15,876	4. Amount credited in the accounts of the month ...	1,809 0
24. Tollage on boats "	349	614-7-3	963-7-3		
25. Compounded tollage on boats Rs.	196	196	392	5. Balance due at the end of the month ...	168 6
26. Tollage on rafts "	.....	427-3-0	427-3-0		
27. Total tollage on boats per ton-mile ...	.....	.....	1½ pies		
28. Total tollage on rafts per 100 cubic feet ...	.....	.....	As. 3-8		

## BUXAR CANAL SYSTEM

LENGTH OF CANAL OPEN, 67 MILES.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
.....	1. Grain ...	1	.....	1	50	1	50	
.....	2. Cotton ...	.....	.....	.....	.....	.....	.....	
2	3. Oilseeds ...	.....	23	23	2,625	23	2,625	
1	4. Salt ...	7	.....	7	684	7	684	
.....	5. Piece-goods ...	5	.....	5	7,250	5	7,250	
.....	6. Metal ...	.....	.....	.....	.....	.....	.....	
39	7. Building materials ...	14	445	459	17,029	.....	.....	
63	8. Miscellaneous ...	13	612	625	70,716	625	70,716	
.....	9. Fuel ...	.....	.....	.....	.....	.....	.....	
.....	10. Timber ...	.....	316	316	4,554	316	4,554	
Rafts {	11. Bamboos ...	.....	607	607	10,925	607	10,925	
105	12. Total ...	40	2,003	2,043	1,13,833	1,584	96,804	
157	13. Total of same month last year ...	.....	.....	2,009	85,989	2,001	85,587	
		Up.	Down.	Total.				Rs. A. P.
14.	Total number of boats plying cargo No.	9	96	105	Total tollage of month— 24 + 25 + 26 ...			1,144 13 6
15.	Total number of boats plying passenger No.	10	9	19				
15½.	Total number of empty boats No.	93	29	122	Total tollage of same month last year ...			1,192 12 9
16.	Total registered tonnage, cargo ...	48	2,354	2,402				
17.	Total registered tonnage, passenger ...	245	243	488				
17½.	Total registered tonnage, empty ...	270	74	344				
18.	Ton-mileage ...	11,245	53,931	65,176	Memorandum of Tollage.			
19.	Estimated value of cargo Rs.	9,883	88,471	98,354				Rs. A. P.
20.	Number of passengers No.	763	622½	1,385½	1. Balance not recovered on the 1st of the month ...			8 9 6
21.	Rafts, bamboos c. ft.	.....	91,045	91,045				
22.	Do., bullahs "	.....	23,734	23,734	2. Tollage per month ...			1,144 13 6
23.	Estimated value of rafts Rs.	.....	15,479	15,479				
24.	Tollage on boats "	77-2-3	471-2-9	548-5-0	3. Total ...			1,153 7 0
25.	Compounded tollage on boats Rs.	75-0-0	123-0-0	198-0-0				
26.	Tollage on rafts "	.....	398-8-6	398-8-6	4. Amount credited in the accounts of the month ...			1,112 4 3
27.	Total tollage on boats per ton-mile ...	.....	.....	0-0-2-17				
28.	Total tollage on rafts per 100 cubic feet ...	.....	.....	0-5-6	5. Balance due at the end of the month ...			41 2 9



**ABSTRACT FOR THE MONTH OF MARCH 1887, AS COMPARED WITH THE CORRESPONDING MONTH OF THE PREVIOUS YEAR.**

CANAL.	TRAFFIC, 1886-87.						TRAFFIC, 1885-86.						REMARKS.
	During the month.			To end of the month.			During the month.			To end of the month.			
<i>Orissa Circle.</i>	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Taldunda Canal System ...	488	11	0	2,787	2	6	466	13	11	1,988	12	3	
Kendrapara Canal System ...	5,751	15	7	41,009	2	3	6,189	10	7	48,863	8	6	
High Level Canal, Range I	1,210	5	9	7,787	12	3	1,124	10	6	8,336	13	5	
Ditto, " II	464	10	9	3,562	2	9	521	6	9	3,654	4	7	
Ditto, " III	143	0	9	1,973	2	6	448	6	9	1,563	7	3	
Total Orissa Circle ...	8,058	11	10	57,119	6	3	8,751	0	6	64,406	14	0	
<i>South-Western Circle.</i>													
Midnapore Canal ...	12,795	4	3	1,13,228	7	9	7,255	2	6	1,23,409	2	6	
Hidgellee Tidal Canal ...	5,481	1	0	51,703	10	9	5,697	15	3	52,476	8	3	
Total South-Western Circle	18,276	5	3	1,64,932	2	6	12,953	1	9	1,75,885	10	9	
<i>Sone Circle.</i>													
Patna Canal System ...	2,537	11	9	22,616	8	4	1,707	0	9	19,511	0	10	
Arrah ditto ...	1,782	10	3	18,283	12	10	1,515	13	6	14,807	15	7	
Buxar ditto ...	1,144	13	6	9,000	15	3	1,192	12	9	7,388	5	0	
Total Sone Circle ...	5,465	3	6	49,936	4	5	4,415	11	0	41,707	5	5	
GRAND TOTAL ...	31,800	4	7	2,71,987	13	2	26,119	13	3	2,81,999	14	2	

**GOVERNMENT TRANSPORT SERVICE.**

CANAL.	TRAFFIC, 1886-87.						TRAFFIC, 1885-86.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Passen- gers.	Goods.	Total receipts.	Passen- gers.	Goods.	Total receipts.	Passen- gers.	Goods.	Total receipts.	Passen- gers.	Goods.	Total receipts.
<i>Orissa Circle.</i>	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level ...	342	1,215	526 13 2	7,512	14,669	8,547 8 8	1,108	3,323	1,653 12 0	13,425	41,557	19,257 2 5
Total Orissa Circle ...	342	1,215	526 13 2	7,512	14,669	8,547 8 8	1,108	3,323	1,653 12 0	13,425	41,557	19,257 2 5

**TOTAL NAVIGATION RECEIPTS.**

CANAL.	EARNINGS, 1886-87.						EARNINGS, 1885-86.						REMARKS.
	During the month.			To end of the month.			During the month.			To end of the month.			
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Orissa Canals ...	8,585	9	0	65,666	14	11	10,404	12	6	83,664	0	5	
Midnapore Canal ...	12,795	4	3	1,13,228	7	9	7,255	2	6	1,26,830	13	9	
Hidgerlee Tidal Canal ...	5,481	1	0	51,703	10	9	5,697	15	3	52,476	8	3	
Sone Canals ...	5,465	3	6	49,936	4	5	4,700	11	0	46,408	3	7	
Total	32,327	1	9	2,80,535	5	10	28,058	9	3	3,09,377	10	0	

C. W. I. HARRISON, *Lieut.-Col., F.R.S.*  
*Offg. Joint-Secy. to the Govt. of Bengal.*

Calcutta,  
The 23rd May 1887.

## Weekly Return of Traffic Receipts on Indian Railways.

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 14th May 1887, on 1,519 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	271,439	2,63,383 0 0	20,93,166 0	7,53,385 14 0	18,539 0 0	10,32,528 7 0	67,497	126,624	194,121
Or per mile of railway ...	.....	173 6 4	.....	494 2 1	12 3 6	679 11 1	.....	.....	.....
For previous 18 weeks of half-year ...	4,651,763	54,14,973 3 0	4,82,61,044 10	1,24,07,809 8 3	3,34,129 14 4	1,81,57,005 9 7	1,245,381	2,637,736	3,883,118
Total for 19 weeks ...	4,923,202	56,78,359 12 0	5,12,54,210 10	1,31,58,485 6 3	3,57,688 14 4	1,91,89,634 0 7	1,312,878	2,164,361	3,477,239
COMPARISON.									
Total for corresponding week of previous year ...	261,553	2,51,276 13 3	20,17,531 30	7,58,789 0 6	23,602 8 3	10,13,658 6 0	66,734	139,530	197,264
Per mile of railway corresponding week of previous year ...	.....	165 13 9	.....	487 10 5	15 9 3	669 1 5	.....	.....	.....
Total to corresponding date of previous year ...	4,665,118	54,51,115 5 7	5,36,72,783 10	1,31,17,162 15 6	4,21,351 4 3	1,89,89,629 9 4	1,288,456	2,314,267	3,602,723

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			RECEIPTS FOR WEEK ENDING 14TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 14TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
1,515	10,13,658	639	1,519	10,32,528	680	1,515	65,77,659	4,341	1,519	64,65,311	4,256	.....	1,11,839

## PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 14th May 1887, on 57½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	12,823	5,779 0 0	45,945 30	3,242 12 0	62 13 0	9,031 9 0	1,427	907	2,334
Or per mile of railway ...	225	109 2 6	803 10	51 11 1	1 1 7	157 15 2	.....	.....	.....
For previous 18 weeks of half-year ...	261,313*	1,39,969 15 0*	10,86,938 0†	64,939 0 9†	978 2 0‡	2,05,528 1 9	39,954	16,715	47,569
Total for 19 weeks ...	274,206	1,45,718 15 0	11,82,863 30	67,843 12 9	1,040 15 0	2,14,602 10 9	32,281	17,682	49,963
COMPARISON.									
Total for corresponding week of previous year ...	13,682	5,639 7 2	54,026 10	3,633 13 0	47 10 6	9,322 14 8	1,439	956	2,394
Per mile of railway corresponding week of previous year ...	229	98 9 6	945 30	63 9 0	0 13 4	162 15 19	.....	.....	.....
Total to corresponding date of previous year ...	235,893	1,35,629 4 2	10,39,969 10	74,922 15 0	998 14 0	2,11,551 1 2	32,128	17,648	49,846

\* Added number of passengers 15,371 and Rs. 9,019 0 0  
 † Mds. 1,02,745 and .. 2,111 4 0 on account of differences between the approximate and audited returns to week ended 2nd April 1887.  
 ‡ Deducted .. 18 6 6

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			RECEIPTS FOR WEEK ENDING 14TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 14TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
57½	9,323	163	57½	9,031	158	57½	78,151	1,366	57½	66,745*	1,160	.....	11,506

\* Deducted Rs. 2 on account of difference between approximate and audited figures for the first 2 days of April 1887.

## DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 14th May 1887, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,270	555 0 0	17,745 30	843 12 0	9 9 0	1,408 5 0	286½	207	493½
Or per mile of railway ...	...	46 4 0	...	70 5 0	0 12 9	117 5 9	...	...	...
For previous 18 weeks of half-year ...	54,367	9,115 12 0	43,70,255 10	49,884 10 0	153 3 9	19,153 9 9	6,132½	2,821	8,953½
Total for 19 weeks ...	57,637	9,670 12 0	3,88,001 0	10,728 6 0	162 12 9	20,561 14 9	6,419	3,028	9,447
COMPARISON.									
Total for corresponding week of previous year ...	3,771	652 1 2	24,958 30	957 7 0	99 7 3	1,798 15 5	201	292	493½
Per mile of railway corresponding week of previous year ...	...	54 5 5	...	79 12 7	8 4 7	142 6 7	...	...	...
Total to corresponding date of previous year ...	54,073	9,280 9 9	6,51,307 30	11,142 2 0	945 3 9	21,367 15 6	4,029	5,679	9,703

\* Added No. of passengers 1,580 and Rs. 71 0 0 }  
 † Do. Mds. 1,540-30 and .. 113 15 0 } on account of difference between the approximate and audited returns to week ended 2nd April 1887.  
 ‡ Do. .. 22 15 6 }

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			RECEIPTS FOR WEEK ENDING 14TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 14TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
12	1,709	142	12	1,408	117	12	9,131	761	12	*7,750	646	.....	1,381

\* Deducted Rs. 15 on account of difference between the approximate and audited figures for the first two days of April 1887.

## SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 14th May 1887, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	5,631	4,389 3 0	90,622 0	3,056 9 0	121 8 0	7,567 4 0	713	1,012½	1,725½
Or per mile of railway ...	...	58 10 10	...	40 13 10	1 10 0	101 2 8	...	...	...
For previous 18 weeks of half-year ...	107,202*	82,356 8 0*	18,77,656 20†	83,815 15 6†	1,948 0 0‡	1,68,120 7 6	13,552½	21,974½	35,527½
Total for 19 weeks ...	112,833	86,745 11 0	19,68,278 20	86,872 8 6	2,069 8 0	1,76,687 11 6	14,265½	22,987½	37,253
COMPARISON.									
Total for corresponding week of previous year ...	5,977	4,270 13 1	57,082 30	2,720 4 0	102 0 3	7,093 1 4	665	756	1,421
Per mile of railway corresponding week of previous year ...	...	57 1 7	...	36 5 10	1 5 10	94 13 3	...	...	...
Total to corresponding date of previous year ...	108,915	86,650 13 2	15,99,235 0	68,332 10 0	2,014 6 6	1,56,997 13 8	22,048	21,339	43,384

\* Added No. of passengers 279 and deducted Rs. 151 0 0 }  
 † Do. Mds. 41,359 30 and .. 379 10 6 } on account of differences between the approximate and audited returns to week ended 2nd April 1887.  
 ‡ Do. .. 143 7 3 }

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			RECEIPTS FOR WEEK ENDING 14TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 14TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
74½	7,693	96	74½	7,567	101	74½	50,190	671	74½	54,370*	727	4,180	.....

\* Deducted Rs. 19 on account of difference between the approximate and audited figures for the first 2 days of April 1887.



## TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 14th May 1887, on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	18,596	4,634 13 0	7,609 30	289 13 0	5 12 6	4,930 6 0	911	57	968
Or per mile of railway...	.....	208 4 11	.....	13 0 5	0 4 1	221 9 5	.....	.....	.....
For previous 18 weeks of half-year...	*372,741	*99,652 14 0	†1,53,449 20	†5,218 14 0	†118 11 9	1,04,990 7 9	17,174	784	17,958
Total for 19 weeks...	391,337	1,04,287 11 0	1,61,059 10	5,508 11 0	124 7 9	1,09,920 13 9	18,085	841	18,926
COMPARISON.									
Total for corresponding week of previous year...	18,654	4,827 2 3	6,704 30	257 8 0	4 1 6	5,088 11 9	929	39	968
Per mile of railway corresponding week of previous year...	.....	216 15 3	.....	11 9 2	0 2 11	228 11 4	.....	.....	.....
Total to corresponding date of previous year...	399,739½	1,06,403 15 10	2,12,873 0	7,315 12 0	129 11 5	1,13,039 7 3	19,403	2,371	21,864

\* Added number of passengers 3,555 and deducted Rs. 2,141 0 0 } on account of differences between the approximate and audited returns to week ended 2nd April 1887.  
 † Deducted mds. 6-20 and added " 14 6 0 }  
 ‡ Ditto " 0 14 6 }

Approximate Statement of gross receipts of the Tarkessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			RECEIPTS FOR WEEK ENDING 14TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 15TH MAY 1886.		TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 14TH MAY 1887.		Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Mean mileage worked.	Total receipts.		
	Rs.	Rs.		Rs.	Rs.		Rs.		Rs.	Rs.	Rs.
22½	5,089	229	22½	4,930	222	22½	41,641	22½	*30,361	1,769	2,280

\* Deducted Rs. 233 on account of difference between the approximate and audited figures for the first 2 days of April 1887.

## INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 14th May 1887, on 42 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	2,453	1,322 6 3	42,829 10	2,686 1 0	27 5 0	4,035 12 3	175	707	882
Or per mile of railway...	.....	31 7 9	.....	63 15 3	0 10 5	96 1 5	.....	.....	.....
For previous 18 weeks of half-year...	48,193*	22,060 4 9*	9,30,518 20†	59,082 1 0†	621 3 9‡	81,763 9 6	3,481	10,841	14,322
Total for 19 weeks...	50,646	23,382 11 0	9,73,347 30	61,768 2 0	648 8 9	83,799 5 9	3,656	11,548	15,204
COMPARISON.									
Total for corresponding week of previous year...	2,465½	1,124 13 0	11,954 20	549 3 0	18 0 0	1,692 0 0	345	243	588
Per mile of railway corresponding week of previous year...	.....	29 12 6	.....	13 1 3	0 6 10	40 4 7	.....	.....	.....
Total to corresponding date of previous year...	14,191½	6,546 10 2	1,03,113 0	7,100 10 0	159 14 9	13,807 2 11	1,984	1,796	3,780

\* Added number of passengers 476 and Rs. 18 0 0 } on account of differences between the approximate and audited returns to week ended 2nd April 1887.  
 † Mds. 63-10 and deducted " 3,669 9 0 }  
 ‡ Ditto " 1 5 0 }

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			RECEIPTS FOR WEEK ENDING 14TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 15TH MAY 1886.		TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 14TH MAY 1887.		Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Mean mileage worked.	Total receipts.		
	Rs.	Rs.		Rs.	Rs.		Rs.		Rs.	Rs.	Rs.
42	1,692	40	42	4,036	96	42	13,807	42	23,221*	696	15,414

\* Deducted Rs. 139 on account of difference between the approximate and audited figures for the first 2 days of April 1887.



## EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K. AND D., AND ASSAM-BEHAR SECTIONS.)

Approximate Return of Traffic for week ending 7th May 1887, on 615 miles open

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including Steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	133,714	55,791 0 0	4,66,412 0	63,600 0 0	11,028 0 0	1,30,419 0 0	19,916	15,509	35,425
Or per mile of railway ...	207	86 0 0	723 0	99 0 0	.....	185 0 0	.....	.....	.....
For previous 17 weeks of half-year ...	2,350,834	10,97,768 0 0	90,94,746 0	13,41,791 0 0	2,23,298 0 0	26,62,857 0 0*	335,179	337,519	672,698
Total for 18 weeks ...	2,484,548	11,53,569 0 0	95,61,158 0	14,05,391 0 0	2,34,326 0 0	27,93,276 0 0	355,095	353,028	708,123
COMPARISON.									
Total for corresponding week of previous year ...	116,792	52,489 0 0	4,74,547 0	73,185 0 0	11,699 0 0	1,37,373 0 0	17,182	20,445	37,627
Per mile of railway corresponding period of previous year ...	193	86 0 0	783 0	121 0 0	.....	207 0 0	.....	.....	.....
Total to corresponding date of previous year ...	2,325,826	10,68,725 0 0	1,09,78,938 0	14,13,187 0 0	2,34,934 0 0	27,16,816 0 0	313,547	322,831	706,368

\* Audited up to week ending 5th March 1887.

NOTE.—Dacca and Assam-Bihar sections are also published separately.

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 8TH MAY 1886.			RECEIPTS FOR WEEK ENDING 7TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 8TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 7TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
606	1,37,373	227	645	1,30,419	202	606	7,47,999	247	615	7,26,633	5	.....	21,955

## BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 7th May 1887, on 125 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	25,566	5,153 0 0	51,374 0	3,120 0 0	50 0 0	11,330 0 0	3,786	1,424	5,210
Or per mile of railway ...	203	65 0 0	411 0	25 0 0	.....	99 0 0	.....	.....	.....
For previous 17 weeks of half-year ...	*429 673	1,46,620 0 0	*0,47,061 0	41,556 0 0	782 0 0	*1,88,958 0 0	64,996	24,647	89,643
Total for 18 weeks ...	454,239	1,51,770 0 0	6,98,434 0	44,676 0 0	832 0 0	2,60,278 0 0	68,782	26,071	94,853
COMPARISON.									
Total for corresponding week of previous year ...	25,808	5,786 0 0	33,631 0	2,351 0 0	71 0 0	11,208 0 0	3,788	1,423	5,210
Per mile of railway, corresponding period of previous year ...	206	70 0 0	264 0	19 0 0	.....	89 0 0	.....	.....	.....
Total to corresponding date of previous year ...	447,125	1,55,713 0 0	7,07,940 0	40,295 0 0	554 0 0	1,97,472 0 0	70,435	24,963	95,398

\* Audited up to week ending 26th March 1887.

## FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

RECEIPTS FOR WEEK ENDING 8TH MAY 1886.			RECEIPTS FOR WEEK ENDING 7TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 8TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 7TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
125	11,308	90	125	11,320	91	125	53,119	95	125	57,268	95	.....	1,851

**EASTERN BENGAL STATE RAILWAY.**  
(INCLUDING N. B. Dacca, K. AND D. AND ASSAM-BEHAR SECTIONS)  
*Approximate Return of Traffic for week ending 14th May 1887, on 640 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		RS. A. P.	MDS. S.	RS. A. P.	RS. A. P.	RS. A. P.			
Total traffic for the week ...	118,239	55,440 0 0	4,53,403 0	61,430 0 0	11,230 0 0	1,28,160 0 0	19,860	16,559	36,419
Or per mile of railway ...	183	86 0 0	703 0	95 0 0	.....	191 0 0	.....	.....	.....
For previous 18 weeks of half-year ...	2,481,548	11,53,559 0 0	95,61,158 0	14,05,391 0 0	2,34,326 0 0	27,93,276 0 0*	355,095	363,028	708,123
Total for 19 weeks ...	2,602,817	12,08,999 0 0	1,00,14,561 0	14,66,821 0 0	2,45,556 0 0	29,21,376 0 0	374,955	369,587	744,542
<b>COMPARISON.</b>									
Total for corresponding week of previous year ...	146,531	50,751 0 0	4,92,711 0	72,042 0 0	11,856 0 0	1,34,449 0 0	17,289	19,823	37,112
Per mile of railway corresponding period of previous year ...	242	84 0 0	813 0	119 0 0	.....	203 0 0	.....	.....	.....
Total to corresponding date of previous year ...	2,472,367	11,19,476 0 0	1,14,71,649 0	14,85,229 0 0	2,46,590 0 0	28,51,295 0 0	330,836	412,644	743,480

\* Audited up to week ending 5th March 1887.

Note—Dacca and Assam-Bihar Sections are also published separately.

**FINANCIAL YEAR.***Approximate Statement of gross receipts of the Eastern Bengal State Railway.*

RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			RECEIPTS FOR WEEK ENDING 14TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 14TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
636	1,54,449	239	645	1,28,160	199	606	8,82,448	243	645	8,54,133	221	.....	25,315

**BENGAL CENTRAL RAILWAY.***Approximate Return of Traffic for week ended 14th May 1887, on 125 Miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		RS. A. P.	MDS. S.	RS. A. P.	RS. A. P.	RS. A. P.			
Total traffic for the week ...	25,000	8,060 0 0	45,000 0	3,000 0 0	50 0 0	11,050 0 0	2,786	1,424	4,210
Or per mile of railway ...	200	64 0 0	384 0	24 0 0	.....	88 0 0	.....	.....	.....
For previous 18 weeks of half-year ...	454,239	1,54,770 0 0	6,98,434 0	41,676 0 0	832 0 0	*2,00,278 0 0	68,782	26,071	94,853
Total for 19 weeks ...	479,239	1,62,770 0 0	7,46,434 0	47,676 0 0	882 0 0	2,11,328 0 0	72,568	27,495	100,063
<b>COMPARISON.</b>									
Total for corresponding week of previous year ...	30,129	8,062 0 0	33,321 0	2,379 0 0	30 0 0	10,471 0 0	3,959	1,289	5,210
Per mile of railway corresponding period of previous year ...	241	65 0 0	267 0	19 0 0	.....	84 0 0	.....	.....	.....
Total to corresponding date of previous year ...	477,254	1,64,775 0 0	7,41,261 0	42,584 0 0	584 0 0	2,07,943 0 0	74,365	26,243	100,608

\* Audited up to week ending 26th March 1887.

**FINANCIAL YEAR.***Approximate Statement of gross receipts of the Bengal Central Railway.*

RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			RECEIPTS FOR WEEK ENDING 14TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 14TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
125	10,471	84	125	11,050	88	125	69,590	93	125	68,318	91	.....	1,272

## ASSAM-BEHAR STATE RAILWAY.

## PUERNAH SECTION.

*Approximate Return of Traffic for week ended 7th May 1887, on 39 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	2,781	930 0 0	27,918 0	2,550 0 0	20 0 0	3,500 0 0	470	608	1,078
Or per mile of railway...	71	24 0 0	716 0	65 0 0	...	89 0 0	...	...	...
For previous 4 weeks of half-year...	10,611	3,606 0 0	90,620 0	9,050 0 0	50 0 0	12,801 0 0	2,014	2,606	4,620
Total for 5 weeks...	13,392	4,626 0 0	1,18,544 0	11,605 0 0	70 0 0	16,301 0 0	2,484	3,214	5,698
COMPARISON.									
Total for corresponding week of previous year...	...	...	...	...	...	...	...	...	...
Per mile of railway corresponding period of previous year...	...	Nil.	...	Nil.	...	Nil.	...	...	...
Total to corresponding date of previous year...	...	...	...	...	...	...	...	...	...

## FINANCIAL YEAR.

*Approximate Statement of gross receipts of the Assam-Bihar State Railway.*

RECEIPTS FOR WEEK ENDING 1887.			RECEIPTS FOR WEEK ENDING 7TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 7TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
Nil.	...	...	39	Rs. 3,500	Bs. 90	...	Nil.	...	39	Rs. 16,301	Bs. 84	Rs. 16,301	...

## ASSAM-BEHAR STATE RAILWAY.

## PUERNAH SECTION.

*Approximate Return of Traffic for week ended 14th May 1887, on 39 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	2,820	930 0 0	27,634 0	2,550 0 0	10 0 0	3,790 0 0	470	608	1,078
Or per mile of railway...	72	24 0 0	693 0	73 0 0	...	97 0 0	...	...	...
For previous 5 weeks of half-year...	13,392	4,626 0 0	1,18,544 0	11,605 0 0	70 0 0	13,501 0 0	2,484	3,214	5,698
Total for 6 weeks...	16,212	5,556 0 0	1,45,574 0	14,455 0 0	80 0 0	20,091 0 0	2,954	3,822	6,776
COMPARISON.									
Total for corresponding week of previous year...	...	...	...	...	...	...	...	...	...
Per mile of railway corresponding period of previous year...	...	Nil.	...	Nil.	...	Nil.	...	...	...
Total to corresponding date of previous year...	...	...	...	...	...	...	...	...	...

## FINANCIAL YEAR.

*Approximate Statement of gross receipts of the Assam-Bihar State Railway.*

RECEIPTS FOR WEEK ENDING 1887.			RECEIPTS FOR WEEK ENDING 14TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 14TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
...	Rs. Nil.	...	39	Rs. 3,790	Bs. 97	...	Nil.	...	39	Rs. 20,091	Bs. 86	Rs. 20,091	...



## DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 7th May 1887, on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	12,206	3,665 0 0	2,076 0	320 0 0	60 0 0	4,045 0 0	2,161	808	2,969
Or per mile of railway ...	142	42 0 0	24 0	4 0 0	.....	46 0 0	.....	.....	.....
For previous 17 weeks of half-year ...	223,346	76,350 0 0	3,16,675 0	26,668 0 0	2,419 0 0	1,05,437 0 0*	37,859	20,271	58,130
Total for 18 weeks ...	235,552	80,015 0 0	3,18,751 0	26,988 0 0	2,479 0 0	1,09,482 0 0	40,020	21,074	61,094
COMPARISON.									
Total for corresponding week of previous year ...	9,101	3,282 0 0	2,647 0	404 0 0	58 0 0	3,744 0 0	933	1,739	2,672
Per mile of railway corresponding period of previous year ...	106	38 0 0	31 0	5 0 0	.....	43 0 0	.....	.....	.....
Total to corresponding date of previous year ...	175,167	49,725 0 0	3,12,704 0	27,064 0 0	4,717 0 0	81,536 0 0	14,905	32,248	47,153

\* Audited up to week ending 5th March 1887.

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR WEEK ENDING 5TH MAY 1886.			RECEIPTS FOR WEEK ENDING 7TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 8TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 7TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
86	3,744	43	86	4,045	47	86	26,231	61	86	25,115	55	.....	1,119

## DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 14th May 1887, on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	12,050	3,500 0 0	5,550 0	600 0 0	50 0 0	4,150 0 0	2,161	803	2,964
Or per mile of railway ...	140	41 0 0	64 0	7 0 0	.....	48 0 0	.....	.....	.....
For previous 18 weeks of half-year ...	235,552	80,015 0 0	3,18,751 0	26,988 0 0	2,479 0 0	1,09,482 0 0*	40,020	21,074	61,094
Total for 19 weeks ...	247,602	83,515 0 0	3,24,251 0	27,588 0 0	2,529 0 0	1,13,632 0 0	42,181	21,877	64,058
COMPARISON.									
Total for corresponding week of previous year ...	8,573	2,718 0 0	3,058 0	447 0 0	51 0 0	3,216 0 0	933	397	1,330
Per mile of railway corresponding period of previous year ...	100	32 0 0	36 0	5 0 0	.....	37 0 0	.....	.....	.....
Total to corresponding date of previous year ...	183,740	52,445 0 0	3,15,702 0	27,511 0 0	4,798 0 0	84,753 0 0	15,878	32,645	48,523

\* Audited up to week ending 5th March 1887.

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			RECEIPTS FOR WEEK ENDING 14TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 14TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
86	3,216	58	86	4,150	48	86	29,450	57	86	29,265	57	.....	185



## TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 14th May 1887, on 249 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 249 miles open	40,329	14,818 13 10	1,77,436 20	17,474 8 0	3,507 5 4	35,890 11 2	5,283	6,973	11,655
Or per mile of railway	162	59 8 0	713 0	70 3 0	2 13 0	132 8 0*	...	...	...
For previous 18 weeks of half-year	691,891	2,68,414 2 2	29,67,062 20	2,95,840 8 0	56,515 10 8	6,20,776 4 10	95,285	98,808	194,093
Total for 19 weeks	732,220	2,83,233 0 0	31,44,519 0	3,13,321 0 0	60,023 0 0	6,56,377 0 4	100,568	105,181	205,749
COMPARISON.									
Total for corresponding week of previous year on 246 miles open	37,9 5	13,274 10 11	1,57,496 0	15,640 4 0	3,505 8 6	32,321 7 5	5,591	5,924	11,515
Per mile of railway corresponding week of previous year	154	53 15 0	640 0	63 3 0	1 0 0	118 2 0*	...	...	...
Total to corresponding date of previous year	673,406	2,37,792 11 7	24,61,695 10	2,43,379 5 3	56,519 14 2	5,37,601 13 0	89,237	96,191	185,428

\* Steam-boat earnings excluded in calculating "Total earnings per mile of railway."

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway.

RECEIPTS FOR WEEK ENDING 16TH MAY 1886.			RECEIPTS FOR WEEK ENDING 14TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 14TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
246	82,321	181	249	55,801	144	246	2,97,703	844	249	2,43,545	978	56,842	

## NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 14th May 1887, on 27½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	2,759½	1,031 12 9	6,923 20	479 15 0	12 14 8	1,524 10 5	509	254	763
Or per mile of railway	101	37 14 0	254 0	17 10 0	0 7 0	55 15 0	...	...	...
For previous 18 weeks of half-year	54,382½	20,507 3 5	2,43,391 20	13,927 1 0	480 1 4	34,914 5 7	9,134	6,241	15,475
Total for 19 weeks	57,142	21,539 0 0	2,50,215 0	14,407 0 0	493 0 0	36,439 0 0	9,743	6,495	16,238
COMPARISON.									
Total for corresponding week of previous year	2,475½	1,000 15 6	7,731 0	615 7 0	155 1 6	1,771 8 0	509	254	763
Per mile of railway corresponding week of previous year	91	36 12 0	284 0	22 9 0	5 11 0	65 0 0	...	...	...
Total to corresponding date of previous year	49,442½	19,655 6 5	1,62,280 20	12,121 9 6	538 6 0	32,315 6 5	9,818	5,117	14,935

## FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

RECEIPTS FOR WEEK ENDING 16TH MAY 1886.			RECEIPTS FOR WEEK ENDING 14TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 14TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
27½	1,772	65	27½	1,525	56	27½	11,769	432	27½	12,578	462	819	

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# SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JUNE 1, 1887.

## OFFICIAL PAPERS.

*Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

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### RESOLUTION ON THE ADMINISTRATION REPORTS OF THE REFORMATORY SCHOOLS AT ALIPORE AND HAZARIBAGH FOR THE YEAR 1886.

#### JAILS.

*Darjeeling, the 25th May 1887.*

#### READ—

- (1)—Letter No. 3175, dated 22nd April 1887, from the Inspector-General of Jails, forwarding the Report of the Administration of the Alipore Reformatory School for the year 1886.
- (2)—Letter No. 3262, dated 25th April 1887, from the Inspector-General of Jails, forwarding the Report of the Administration of the Hazaribagh Reformatory School for the year 1886.

#### Read also—

The Reports for the year 1885, and the orders of Government recorded thereon.

At the Alipore School the year 1886 opened with 108 boys; and as 27 were admitted during the year, and 26 released, and there were no casualties, the number at the close of the year was 109. There were no serious offences, and discipline was maintained with a smaller number of punishments than in 1885. Punishment by cutting marks appears to have been in great measure superseded by direct fines of money earned by the boys, presumably because actual loss of earnings is found to be more deterrent than prospective loss of expected earnings. It is satisfactory to observe a marked decrease in the number of boys punished by being put on penal diet or locked up in cells. The health of the school was remarkably good during the year.

2. The boys are kept at work at their various trades for 7 hours in the day, the longest spell being 3 hours, from 11 to 2. There is only one hour of compulsory school, but they have also the option of attending the evening school from 6-30 to 8 P.M. The report does not state how many boys availed themselves of this option. This should be noticed in future. The mark system continued to work well; the average number of boys entitled to marks being slightly larger than in 1885, while the weekly average earnings rose from Rs. 1-12-3 to Rs. 1-13-10. The total earned during the year was Rs. 214-14-6, of which Rs. 172-4 were deposited in the Government Savings Bank.

3. The reports regarding released boys were not as favourable during the year under report as they have been in previous years. Of 58 boys concerning whom reports were received, it appears that 16, or 27.5 per cent., were said to bear bad characters, and of these six were in jail. Of the other 42, six were following the trades they had learnt in the school. It would be interesting to know, in each of these cases, the caste of the boy, the trade he had learnt, and the number of years he had remained in the school. Trades and handicrafts still depend so much on questions of caste that it would be too much to hope that our Reformatories can, for many years to come, effect any permanent results as industrial schools.

4. Owing to lower prices for rations, and general savings, the cost of maintenance was reduced from Rs. 128-12-4 to Rs. 126-10-9 for each boy in the school. The cost of diet fell from Rs. 33-5-5 to Rs. 31-9-8. In last year's Resolution it was remarked that the expenditure on diet appeared to be excessive as compared with the cost of dieting prisoners in the neighbouring Alipore Jail. In a correspondence which ensued with the Board of Management on this subject, it appeared that the excess in the Reformatory School was accounted for by the higher price paid for rice; and in deference to the opinion of the Civil Surgeon of the 24-Pergunnahs that the kind of rice supplied to adult prisoners was unsuited to growing lads, the continued supply of fine rice was sanctioned by Government.

5. The manufactory account supplied by the Superintendent in the usual form shows a profit to the school of Rs. 9,180-12-11. This is not a commercially true profit, no allowance having been made for the value of the labour of the boys employed, or for wear and tear of block. But it shows a satisfactory balance of actual receipts over actual expenditure during the year. The most profitable department was book-binding, in which Rs. 5,009 were earned, principally on orders from the Presidency Jail Press. Carpentry and tinsmith's work also showed good profits of Rs. 1,283 and Rs. 1,915 respectively.

6. The Lieutenant Governor is glad to observe that the Superintendent, Mr. Kirschner, continues to deserve the praise of the Board of Management and the Inspector-General of Jails for his admirable management of the school. The acknowledgments of Sir Stuart Bayley are also due to the Board of Management and their late President, Mr. H. A. Cockerell, C.S.I.

7. The number of juvenile offenders confined in the Hazaribagh School increased considerably during the year under report. There were 59 new admissions, and at the close of the year the number in the school had risen from 195 to 227. Hindus and Mahomedans are pretty evenly balanced at Alipore, but at Hazaribagh Hindus largely predominate, 171 out of the 227 belonging to that religion. The health of the school was excellent; and the only death was an accidental one from drowning while bathing in the lake. Special precautions have since been taken to render a second disaster of this kind impossible.

8. Discipline is reported to have much improved at this school, but this

is hardly borne out by the statistics of punishments. Excluding warnings, of which there were 148, 717 actual punishments were inflicted, and the proportion of punishments to the average number of boys was higher than it has been since 1883.\* The Lieutenant-Governor trusts that the report for the current year will

	1883.	1884.	1885.	1886.
* Average number of boys confined.	45	81	172	209
Number of punishments	247	265	252	717
Proportion of punishments to average number.	5.1	2.5	1.4	3.4

show that this increase in severity has had the desired effect.



9. The detailed statement of the daily routine given in the report shows that the hours of work and play are nearly the same both at Alipore and at Hazaribagh. At both schools the boys have one hour of compulsory school; but the evening voluntary school lasts for two hours (6 to 8 P.M.) at Hazaribagh, while at Alipore  $1\frac{1}{2}$  hours (6-30 to 8 P.M.) is considered sufficient. On the other hand the Alipore boys are in the workshops for 7 hours, while the Hazaribagh boys are kept at work for only 6 hours, the hour from 9 to 10 A.M. being devoted to play at Hazaribagh and to work at Alipore. The Inspector-General of Jails was requested, in paragraph 11 of last year's Resolution, to notice specially in his report for 1886 the question of the assimilation of system at the two schools, but he has not done so. He will be requested to report whether it is not possible to divide the day in precisely the same manner at both schools. As in the case of Alipore, no figures are given to show the average attendance at the evening school at Hazaribagh. This omission should be supplied in the next report. The mark system continued to work well, the average earnings a week amounting to Rs. 8-2-4 for an average of 211 boys (of whom many were newly admitted), and the total earnings for the year to Rs. 424.

10. Reports of 23 released boys were received; 15 were favourable, in two cases the whereabouts of the boys were not known, while of the remaining 6, 4 were reported to be in jail and the other 2 to bear bad characters. The percentage of bad characters is therefore 26; and the most disappointing feature in these statistics is that of the 4 boys now in jail, one had been in a Reformatory for 7 years, and two more for 6 years, while the two reported to be suspected characters had both been subjected to training for 5 years. As the Hazaribagh School was not opened until 1882, it is presumed that these youths were all confined, in the first instance, at Alipore, and were drafted thence to Hazaribagh.

11. The total expenditure amounted to Rs. 22,712 in 1886 against Rs. 21,906 in 1885, but the increase in the number confined reduced the average for each boy from Rs. 125-14-4 to Rs. 108-10-7. An addition of 4 warders to the establishment was rendered necessary by the increased number of boys; and a larger quantity of clothing was required than in the previous year. The average cost of diet rose from Rs. 33-4-6 in 1885 to Rs. 34-6-1 in the year under report. The Superintendent attributes this to dearness of provisions; but in the neighbouring jail the average cost fell in 1886 from Rs. 27-1-11 to Rs. 24-10-9, and the statement given in paragraph 60 of the Inspector-General's Jail Administration Report for the year shows that the prices both of rice and meat were lower than in 1885. The Lieutenant-Governor cannot therefore regard the explanation as satisfactory, and he trusts that the next report will show that greater economy has been exercised under this heading of the expenditure.

12. The account of manufactures, prepared on the same principles as at Alipore, shows a small profit of Rs. 2,314-4-2. The Superintendent reports that there is only a very limited market for manufactured articles in Hazaribagh, and the cost of carriage to distant places swamps the profits. The school has recently obtained a contract from the Postal Department for furniture, and the receipt of a new screw-cutting lathe from the industrial school at Ranchi has given an impetus to the outturn of ironwork. The attempt to introduce shoe-making after European models having proved a failure, it is now proposed to re-organize the industry, and employ the boys on making shoes for the jail warders and the police. The Lieutenant-Governor understands that shoe-making was started at this school on the admission of several boys of the Chamar caste, with a view of teaching them something better than they would have been able to learn at their own homes. Sir Steuart Bayley considers that this object should still be kept in view, and that it is undesirable to establish the industry on a large scale, and employ in such a trade boys whom caste prejudices would certainly debar from maintaining themselves by it after their release.

13. The Lieutenant-Governor is glad to learn that the official visitors take much interest in the Hazaribagh School, and that Dr. Moorhead, the



Superintendent, has shown care and ability in its management. Mr. Hill, the Deputy Superintendent, has again earned the good opinion of the visitors and the Inspector General of Jails for his excellent work.

By order of the Lieutenant-Governor of Bengal,

F. B. PEACOCK,

*Chief Secretary to the Govt. of Bengal.*

ESTABLISHMENT OF A SCHOOL FOR MUHAMMADAN BOYS IN  
THE BOGRA DISTRICT BY SYUD ABDUS SUBHAN  
CHAUDHURI, A ZEMINDAR OF BOGRA.

GENERAL DEPARTMENT—EDUCATION.

*Calcutta, the 30th May 1887.*

RESOLUTION.

READ the undermentioned correspondence regarding establishment of a school for Muhammadan boys in the Bogra district by Syud Abdus Subhan Chaudhuri, a zemindar of Bogra :—

Letter from the Commissioner of the Rajshahye Division, No. 679Jct., dated 23rd February 1887, and its enclosures.

Letter from the Director of Public Instruction, No. 1862, dated 15th March 1887.

Letter to the Commissioner of the Rajshahye Division, No. 230, dated 26th March 1887.

Endorsement from the Commissioner of the Rajshahye Division, No. 45Jct., dated 12th May 1887, and annexure.

In commemoration of the Jubilee year of the reign of Her Majesty the Queen, Empress of India, Syud Abdus Subhan Chaudhuri, a zemindar in the district of Bogra, has offered to build at a probable cost of Rs. 2,000 a house for a school in which Muhammadan boys may study the Persian and Arabic languages. He also proposes on behalf of his wife, Saidani Taheerannessa Bibi Chaudhurani, who is the mother and guardian of Altafannessa Bibi Chaudhurani, his daughter, the minor Mutawalli of the Behar Wakaf Estate, an endowment created by the late Jabadatannessa Bibi Chaudhurani, to give a sum of Rs. 30 a month for the establishment and maintenance of the school. In case the monthly grant should not be paid by the Mutawalli from the income of the Wakaf Estate at any time, Syud Abdus Subhan Chaudhuri promises to make a monthly contribution of this amount at his own cost. This institution Syud Abdus Subhan Chaudhuri desires to name the Victoria Madrassa, Bogra.

2. The Lieutenant-Governor accepts this offer, and has much pleasure in tendering his thanks to Syud Abdus Subhan Chaudhuri for his liberal contribution in aid of Muhammadan education.

ORDER.—Ordered that a copy of this Resolution be published in the *Calcutta Gazette*, and that a copy of the Resolution be forwarded to the Commissioner of the Rajshahye Division for information and communication to Syud Abdus Subhan Chaudhuri.

Ordered also that a copy of the Resolution be forwarded to the Director of Public Instruction for information.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

*Secretary to the Government of Bengal.*

# REPORT ON THE STATE OF THE SALT MARKET FOR THE FOURTH QUARTER OF 1886-87.

No. 397B, dated Calcutta, the 18th May 1887.

From—C. E. BUCKLAND, Esq., Officiating Secretary to the Board of Revenue, L P.,  
To—The Secretary to the Government of Bengal, Financial Department.

I AM directed to submit the following report on the state of the salt market for the 4th quarter of 1886-87, comprising the months of January, February, and March 1887.

SALT.

JOHN BEAMES, Esq.

2. The quantity of salt of every description cleared during the quarter under report amounted to 26,06,814 maunds 38 seers 7 chittacks, against 25,83,058 maunds 31 seers 10 chittacks in the previous quarter, and 24,22,611 maunds 9 chittacks in the corresponding quarter of the previous year; and the net amount of duty levied thereon was Rs. 48,91,893-8-0, against Rs. 47,95,125 in the previous quarter, and Rs. 45,37,911-8-0 in the corresponding quarter of the previous year.

3. The quantity of excise salt sold in the districts of Cuttack, Pooree, and Balasore during the quarter under review from the stock of the different seasons' manufacture, and the quantities that remained in stock at the close of the quarter, are shown in Table I :—

TABLE I.

	CUTTACK.			POOREE.					
	Manufacture of—			Manufacture of—					
	1884-85.	1885-86.	1886-87.	1880-81.	1881-82.	1882-83.	1883-84.	1884-85.	1885-86.
	Mds. s. c.	Mds. s. c.	Mds. s. c.	Mds. s. c.	Mds. s. c.	Mds. s. c.	Mds. s. c.	Mds. s. c.	Mds. s. c.
Balance at close of the last quarter.	12,681 25 0	23,627 0 0	.....	321 0 0	655 29 0	21,225 20 0	14,519 35 0*	72,501 1 0*	5,881 0 0
Manufactured or added during the quarter.	.....	.....	436 35 0	.....	.....	.....	.....	.....	.....
Total	12,681 25 0	23,627 0 0	436 35 0	321 0 0	655 29 0	21,225 20 0	14,519 35 0	72,501 1 0	5,881 0 0
Sales during the quarter	4,470 0 0	4,837 0 0	.....	.....	.....	2,490 0 0	9,116 0 0	15,771 36 0	1,709 0 0
Wastage	.....	.....	.....	.....	.....	.....	1,040 10 0	384 30 0	.....
Total	4,470 0 0	4,837 0 0	.....	.....	.....	2,490 0 0	10,156 10 0	16,156 20 0	1,709 0 0
Balance at close of the quarter	8,211 25 0	18,790 0 0	436 35 0	321 0 0	655 29 0	18,735 20 0	4,365 25 0	56,344 21 0	4,172 0 0

	BALASORE.							
	Manufacture of—							
	1879-80.	1880-81.	1881-82.	1882-83.	1883-84.	1884-85.	1885-86.	1886-87.
	Mds. s. c.	Mds. s. c.	Mds. s. c.	Mds. s. c.	Mds. s. c.	Mds. s. c.	Mds. s. c.	Mds. s. c.
Balance at close of the last quarter.	623 25 0	2,909 10 8	3,671 17 11	154 20 0	3,761 24 0†	10,463 27 0	46,012 15 0	.....
Manufactured or added during the quarter.	.....	.....	.....	.....	.....	.....	.....	8 25 0
Total	623 25 0	2,909 10 8	3,671 17 11	154 20 0	3,761 24 0	10,463 27 0	46,012 15 0	8 25 0
Sales during the quarter	.....	.....	.....	.....	.....	2,261 0 0	12,196 0 0	.....
Wastage	.....	.....	.....	.....	.....	.....	.....	.....
Total	.....	.....	.....	.....	.....	2,261 0 0	12,196 0 0	.....
Balance at close of the quarter	623 25 0	2,909 10 8	3,671 17 11	154 20 0	3,761 24 0	8,202 27 0	33,816 15 0	8 25 0

\* The difference between these figures and the corresponding figures in the statement submitted with the report for the previous quarter is due to revised figures since received from the Collector.

† The difference is due to a typographical error in the report for the previous quarter.

4. The above statement shows that the total sale of excise salt during the quarter under review amounted to 52,848 maunds 30 seers, against 30,403 maunds 10 seers in the previous quarter, and 1,05,960 maund in the corresponding quarter of the previous year.

5. The subjoined Table II shows in comparison the importations into the port of Calcutta and the total clearances of sea-imported salt during the quarter under review and the corresponding quarters of the previous two years :—

TABLE II.

	1884-85.		1885-86.		1886-87.	
	Fourth quarter.		Fourth quarter.		Fourth quarter.	
	Imported.	Cleared.	Imported.	Cleared.	Imported.	Cleared.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Liverpool pungah ... ..	10,19,636	18,01,245	24,13,656	16,94,763	19,40,237	15,07,730
Foreign kurkutch ... ..	1,28,174	4,13,514	2,46,265	3,53,369	3,63,874	6,77,565
Indian ditto ... ..	88,165	1,36,047	1,15,569	1,42,301	1,21,340	1,42,540
Total ...	12,35,975	23,50,806	27,75,489	21,90,333	24,25,451	23,27,835

6. The following are the details of the Indian kurkutch salt shown in the above table :—

TABLE III.

	1884-85.		1885-86.		1886-87.	
	Fourth quarter.		Fourth quarter.		Fourth quarter.	
	Imported.	Cleared.	Imported.	Cleared.	Imported.	Cleared.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Bombay ... ..	88,165	1,17,037	1,15,569	1,42,301	1,21,340	1,42,540
Tuticorin ... ..	.....	19,910	.....	.....	.....	.....
Total ...	88,165	1,36,947	1,15,569	1,42,301	1,21,340	1,42,540

7. Table IV shows the quantity of sea-imported salt remaining in the warehouses at the close of the quarter as compared with the results of the previous four quarters :—

TABLE IV.

WHERE STORED.		Fourth quarter of 1885-86.	First quarter of 1886-87.	Second quarter of 1886-87.	Third quarter of 1886-87.	Fourth quarter of 1886-87.
		Mds.	Mds.	Mds.	Mds.	Mds.
Sulkea Government golahs ... ..		4,51,461	9,60,328	8,90,355	10,53,923	8,07,682
Chittagong do. ... ..		1,81,839	1,20,079	84,745	79,300	93,180
Naraingunge private do. ... ..		6,289	.....	.....	.....	.....
Total ...		6,39,589	10,80,407	9,84,100	11,33,223	9,00,862

8. The despatches of salt from Calcutta by water and the three railways passing the several Salt-pass Stations into the interior of the country both east and west of the river Hooghly during the quarter under review, and the corresponding quarters of the previous two years, are shown in Table V :—

TABLE V.

PERIOD.	Via Balikhali.	Via Sankrail.	Via Gewakhally.	Via Kidderpore.	Via Ballinghatta.	Via Buthtollah Ghat.	By the East Indian Railway.	By the Eastern Bengal and South-Eastern Railways or via Chitpore.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Fourth quarter of 1884-85 ...	1,92,430	1,81,172	1,17,402	78,226	5,53,123	1,54,349	9,78,301	48,43
Ditto of 1885-86 ...	2,16,702	1,66,818	1,36,025	63,005	5,42,608	1,19,434	8,97,448	80,398
Ditto of 1886-87 ...	2,03,640	1,75,780	1,19,722	69,950	5,57,979	1,05,721	9,16,381	1,22,10

9. The quantity of salt despatched by the East Indian Railway to stations beyond Buxar during the quarter under review amounted to 67,607 maunds 30 seers, as noted in the margin, against 62,107 maunds in the previous quarter and 73,930 maunds 10 seers in the corresponding quarter of the previous year.

	Mds.	S.	C.
January	18,492	0	0
February	19,159	30	0
March	29,956	0	0
Total	67,607	30	0

10. The shipments of Liverpool salt according to published market reports were as follows:—

	Tons.
January	25,330
February	28,790
March	26,620
Total	80,740

No shipments were reported during the quarter under review for the port of Chittagong.

11. Table VI shows the market prices per 100 maunds of Liverpool and other descriptions of salt at the close of each fortnight during the quarter as compared with those obtaining during the same period last year:—

TABLE VI.

DESCRIPTION OF SALT.	Prices on the 15th January		Prices on the 31st January		Prices on the 14th February		Prices on the 28th February		Prices on the 15th March		Prices on the 31st March	
	1886.	1887.	1886.	1887.	1886.	1887.	1886.	1887.	1886.	1887.	1886.	1887.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Liverpool pungah	58	76	62	76	62	75	61	66	61	68	60	67
French kurkutch	54	46	54	45	61	45	60	45	62	45	61	48
Jeddah ditto	58	44	50	42	58	43	61	41	62	44	64	48
Rombay ditto	42	45	44	48	45	50	44	50	45	50	48	50
Italian ditto	53	46	54	45	61	45	60	45	63	45	62	48
Muscot ditto	60	47	60	46	61	45	61	42	67	42	67	47
Rock	125	100	125	100	125	100	125	100	125	100	125	100

12. The following table shows the quantity of sea-imported salt admitted into bond and cleared from bond and shipboard at Chittagong and Naraingunge during the quarter under review and the corresponding quarter of 1885-86:—

TABLE VII.

PORT.	DESCRIPTION OF SALT.	ADMITTED INTO BOND.		CLEARED.	
		Fourth quarter of 1885-86.	Fourth quarter of 1886-87.	Fourth quarter of 1885-86.	Fourth quarter of 1886-87.
		Mds. s. c.	Mds. s. c.	Mds. s. c.	Mds. s. c.
Chittagong	Liverpool pungah	39,496 0 0	83,130 0 0	1,13,492 15 0	99,801 14 0
	Hamburg	.....	57,140 0 0	.....	56,420 20 0
	Ceylon	.....	.....	0 2 0	.....
	Maldiva	.....	.....	.....	0 5 8
Naraingunge	Hongkong	.....	.....	.....	0 25 0
	Liverpool pungah	.....	.....	12,826 0 0	9,900 0 0
	Total	39,496 0 0	1,40,270 0 0	1,26,318 17 0	1,66,151 26 8

No transactions in sea-imported salt have been reported for the quarter from the ports of Cuttack, Pooree, and Balasore.



## Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 28th May 1887.

No.	District and date of return.	Rainfall at Sudder station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
<b>BENGAL.</b>			
<i>Western Districts.</i>			
BURDWAN DIVN.	1 Burdwan. May 28, '87	5.30	Weather—moist and cool; at Burdwan cyclone-like. Prospects of crops good. Rice still cheap. Public health good.
	Culna ...	0.60	
	Cutwa ...	1.10	
	Raneeggunge ...	0.45	
	2 Bankura " 28, '87	0.66	Weather—hot and cloudy with strong winds on 26th and 27th, when it was much cooler. Rain, though somewhat beneficial to standing crops, is insufficient for any field work for the next harvest. Price of rice unchanged. Public health good.
	Bishenpur ..	0.89	
	3 Beerbhoom " 28, ..	3.77	Weather—stormy with high winds and drenching rain. Rain has come most opportunely for the crops. Young sugarcane thriving. Ploughing for paddy will actively proceed as soon as the soil is dry enough to admit of being cultivated. Manure is extensively used this year. Public health has improved, cholera having nearly disappeared.
	Ranpore Haut ...	0.40	
	4 Midnapore " 28 '87	3.86	Weather—very hot and close at the beginning of the week.* On the night of 25th and morning of 26th a cyclone, but not a severe one inland, visited the station of Midnapur and probably Contai; since then stormy. Two-thirds of the week's rain at Midnapur fell on the 27th. State and prospects of crops excellent throughout the district.
	5 Hooghly " 28, "	1.51	Weather—wet and stormy. State and prospects of crops good. Public health good.
PRESIDENCY DIVN.	Serampur ...	0.33	
	Howrah " 28, '87	1.47	Weather—cloudy. Wind still strong after the cyclone. Lands are being prepared. The rainfall will have done good.
	Oulooberia ...	0.91	
	<i>Central Districts.</i>		
	6 24-Pergha. May 28, '87	2.66	Weather—showery with high winds; cooler. Sugarcane doing well. Ploughing in progress. Sowing on low lands has begun. Cases of cholera and fever still reported; public health otherwise good.
	7 Nudda " 28 "	3.69	Great heat previously prevailing gave way on 24th to heavy rain and east wind till the time of report. Sowing of <i>aus</i> nearly over. Indigo doing well. Rain very beneficial.
	Kushtea ...	3.51	
	Meherpore ...	0.96	
	Chudanga ...	1.90	
	Ranaghat ...	1.97	
RAJSHAHY DIVN.	8 Khoolna " 28, '87	0.79	Weather—very hot till 25th, since then very strong south wind with high tides; rain slight. The overflow of tidal water has done some damage and has stopped ploughing; in other places it progresses satisfactorily. Public health good.
	9 Jessore " 28, "	1.53	Weather—stormy with occasional rain in the latter part of the week. Paddy plants are doing well. Public health fair.
	Jhenidah ...	0.59	
	Magurah ...	0.7	
	Narail ...	0.17	
	Bongong ...	0.5	
	10 Moorsshedabad " 28 '87	2.05	Heavy rain for the last two days <i>Amun</i> and <i>aus</i> paddy plants doing well. <i>Amun</i> still being sown. Jute and sugarcane promising.
	Lalbagh ...	2.40	
	Kandi ...	3.42	
	11 Dinagore " 28, '87	5.85	Weather—storms with strong east winds and thunder. About 13 annas of <i>bhadoi</i> sown. Rain will be beneficial if the fall is not too heavy. Rice 25 seers per rupee.
Dacca Division.	12 Rajshahye " 28, '87	2.92	Weather—stormy. The rain will benefit the <i>aus</i> crop and allow of further sowings. Sugarcane will also be improved. Public health generally good; slight fever in parts of district.
	Nattore ...	1.40	
	Nowgong ...	0.63	
	13 Mongpore " 28, "	0.78	Rain is wanted in Gaibanda, but is sufficient elsewhere. Crops generally promise well. Cholera has greatly diminished.
	Gaibanda ...	0.12	
	Kurigram ...	0.51	
	Nilphamari ...	Nil	
	14 Bogra " 28, '87	2.56	Weather—close and hot at the beginning of the week; windy and rainy towards the end. Sowing in progress. Early rice and jute has been much benefited by the rain. With the exception of a few cases of cholera in outpost Dhunat, public health fair.
	Nowkhilla ...	0.59	
	15 Pubna " 28, '87	1.37	Weather—cloudy with strong wind and some heavy showers. Prospect of crops good. Rain has done much good. General health good.
Dacca Division.	Serajgunge ...	0.07	
	16 Darjeeling " 28, '87	10.59	Weather—unusually wet. Still raining heavily. State and prospects of crops good.
	17 Julpigoree " 28 "	1.45	Weather—hot and muggy in the early part of the week; raining since 27th. Sowing of <i>haimanti</i> rice in progress; that of jute and <i>bhadoi</i> completed. Prospects of sugarcane good. Cholera abating. Cattle-disease prevails at Boda, Fallacotta and Alipore (Duars).
	<i>Eastern Districts.</i>		
	18 Dacca May 28, '87	1.14	Weather—hot throughout the week. <i>Amun</i> and <i>asvini</i> paddy being sown on high lands. Rivers rising fast. Prospects of crops good. Rain wanted for jute. Public health good.
	Munshigunge ...	0.6	
Dacca Division.	19 Farreedpore " 28, '87	1.10	Weather—stormy and showery. Prospects of young paddy, jute and sugarcane good. Public health fair. A few cases of cholera in Goalundo thana.
	Goalundo ...	0.79	
	20 Backergunge " 26, '87	0.30	Weather—very hot. High wind blowing since two days. Cultivation of <i>aus</i> paddy is finished and that of <i>amun</i> crop has begun. Rain wanted. General health fair.
	21 Mymensingh " 27 "	1.60	Weather—sultry; heavy rain on 24th. Rivers rising. Prospects of crops good.
	Jamalpur ...	0.05	
	Kishoregunge ...	1.08	

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL—contd.			
Eastern Districts—contd.			
CHITTAGONG DIVN.	22 Chittagong, May 30, '87	2.95	Weather—seasonable. Prospects of crops good. <i>Aus</i> cultivation continues. Prices stationary. Cholera still reported. Public health good.
	23 Noakhali „ 27 „	0.69	Weather—first part of the week warm and sultry; stormy and cloudy from the 25th. Some damage to <i>aus</i> seedlings is reported. More rain is wanted. Public health fair.
	24 Tipperah „ 26, '87	...	Weather—very hot for some days; showery and cool now. <i>Jeth Jali</i> is being reaped with abundant results. <i>Aus</i> is looking very well, and so are all the other crops. Rain which was much wanted has fallen, and more is probable. Cholera is sporadic all over the district.
	25 Chittagong Hill Tracts „ 24, '87	2.15	Weather—excessively hot at noon during the week. During the last two days heavy showers fell in the evening. Sowing in <i>jums</i> in full progress. In some places early <i>jum</i> paddy crops are germinating. Public health fairly good.
	Hill Tipperah „ 25 „	0.32	Weather—hot. <i>Satya</i> paddy still being sown. Chillies doing well. <i>Jum</i> cultivation continues. Public health good.
BEHAR.			
PATNA DIVN.	26 Patna, May 28, '87	2.46	Weather—cool during the latter part of the week with heavy and continuous rain for the last two days. Threshing and winnowing of the <i>rubbee</i> crops almost completed; in some places the corn is still in the barn yard, which may be damaged by the rain. Sugarcane and <i>boro</i> rice on Deora lands growing well. Cholera reported from Barh and Behar sub-divisions.
	27 Gaya „ 23 „	2.20	Weather—cloudy and cool. Only sugarcane standing in the field, and that is doing well. Cholera reported from the whole district; fever and small-pox also reported.
	28 Shahabad „ 28 „	8.25	Weather—rainy with high east winds. Rain will enable the early preparation of lands for <i>bhadoi</i> sowings. Prospects of sugarcane fair. Cholera reported from the interior of the district. Prices stationary.
	29 Darbhanga „ 23 „	2.01	Weather—rainy for the last two days of the week. Prospects of early rice, <i>moong</i> and indigo continue satisfactory. Fields are being prepared for <i>bhadoi</i> sowings. Price of common rice averages 20 seers per rupee. Cholera reported from Tajpur and Madhubani sub-divisions.
	30 Mozufferpore „ 28, '87	2.65	Weather—hot during the early part of the week, but rainy and cool during the last two days. Constant rain with wind since the evening of 26th.
BHAUGULPORE DIVN.	Hajipur „ „	Nil	Rain will benefit the standing crops and facilitate <i>bhadoi</i> sowings. Early rice, <i>cheena</i> , <i>kaoni</i> , and <i>moong</i> coming up well, and prospects continue favourable. Cholera and small-pox prevail in the district.
	Sitamarhi „ „	0.60	
	31 Saran „ 28 „	3.70	Weather—cool since the middle of the week. Heavy and continuous rain since the night of 26th. Prospects of crops favourable.
	32 Chumraun Bettiah „ 28 „	1.61	Weather—cloudy with showers of rain accompanied by high east wind. Sowings of <i>bhadoi</i> and <i>aghani</i> in progress. Rain has been beneficial to cultivation. Much cholera in all parts of the district.
	33 Monghyr, May 28, '87	1.42	Weather—very hot and sultry; cloudy and stormy in the latter part of the week. Rain has done some damage to the <i>rubbee</i> crops still lying unthreshed. Ploughing for <i>bhadoi</i> crop in progress and sowing has commenced. Sugarcane planting going on in Jamui sub-division. Cholera still prevailing in places, but not in an epidemic form.
BHAUGULPORE DIVN.	34 Bhagulpore „ 28 „	2.56	Weather—early in week sultry; latterly stormy and cool. Rain will be very beneficial. Prospects good. Cholera abating in north.
	35 Purneah „ 28 „	9.04	Monsoon set in on the 27th with heavy rain which still continues. Reports received are favourable, but rain may prove excessive.
	Kishengunge „ „	1.10	
	Arrareah „ „	0.19	
	36 Maldah „ 28, '87	2.34	Weather—unsettled with easterly winds at the beginning of the week; the last two days were very stormy. <i>Boro</i> harvest in progress; outturn good. Rain has done much good to the <i>bhadoi</i> crops, which promise well. Average price of common rice 24 seers per rupee. Public health good.
BHAUGULPORE DIVN.	Gajol „ „	3.80	
	37 Sonthal Pergna „ 28 „	6.19	Weather—very hot followed by cyclonic storm with heavy wind and rain for three days; now subsiding; wind veered round from north by east and south to west. Rain will help ploughing and early sowings, and Indian corn will be sown now. Sugarcane doing well. Cholera reported from Daoghur and Godda.
	Godda „ „	0.35	
	Pakour „ „	0.82	
ORISSA.	Rajmehar „ „	0.15	
	38 Cuttack, May 27, '87	3.0	Weather—hot, but cloudy, with high winds. Rice is being sown. The rainfall of 25th was beneficial to the ploughing and sowing of rice. Cotton flowering. Common rice sells at 18½ seers per rupee in town and 22 to 26 seers in the interior. Public health generally good.
	39 Pooree „ „	...	Report not received.
ORISSA.	40 Balasore „ 27 „	6.71	Heavy cyclone has done some damage; extent unascertained. The rain will have done much good.
CHOTA NAGPORE.			
South-West Frontier Agency.			
41	Hazaribagh, May 27, '87	1.10	Weather—very hot up to 26th; since which continuous rain with strong wind. Sugarcane doing well. Paddy is being sown in places. Cases of cholera and small-pox reported from parts of the district; otherwise public health good.
42	Lohardugga „ 28 „	10.03	Weather—cloudy. An unusual heavy rainfall on 26th and 27th accompanied with storm. Land is being prepared for early paddy. No change in prices. Some cases of small-pox reported; public health otherwise good.
43	Singbhoom „ 27 „	6.95	Weather—very hot during the week; a heavy shower of rain with high wind broke on the morning of 26th. Agricultural operations in full swing. Some cases of cholera reported from the direction of Midnapore; two deaths in Chybasa.
44	Nandhoom „ 28 „	2.19	Weather—violent storms with high wind; quite cold during the last three days. Sugarcane doing well. Price of rice slightly higher than last week. Lac being gathered. Public health good.
	Govindpur „ „	0.04	

Published for general information.

P. NOLAN,  
Secy. to the Govt. of Bengal.

## Meteorological Report of the Province of Bengal

METEOROLOGICAL DIVISION.	DISTRICT.	Representative station.	STATION OBSERVATIONS.													
			AIR PRESSURE.			WIND.		TEMPERATURE.								
			Mean barometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 10 A.M. temperature.
ORISSA.	Pooree	Gopalpore	29.545	29.595	-.144	Southerly	216.0	92.2	26th & 27th May.	81.8	21st 22nd & 23rd May.	90.1	83.8	87.0	+1.9	86.0
		False Point	29.579	29.596	-.123	Southerly	393.0	94.5	24th "	71.1	27th "	90.2	77.9	84.1	-2.2	85.0
	Cuttack	Cuttack	29.519	29.590	-.115	SSE	107.0	107.4	24th "	74.8	26th "	100.0	82.0	91.0	-0.2	87.0
	Balasore	Balasore	29.487	29.515	-.205	Southerly	*100.3	102.0	24th "	*79.7	22nd "	*93.4	*81.1	*89.7	+2.0	80.0
	South-West Midnapore	Saugor Island	29.508	29.593	-.128	SSE	436	90.7	24th & 25th & 26th May.	75.9	26th "	92.9	81.7	87.3	+0.7	87.0
SOUTH-WEST BENGAL.	South 24-Pergunnahs	Midnapore	29.431	29.597	-.142	SSE	+154.1	105.4	24th "	77.8	27th "	93.8	80.6	89.7	-1.7	92.0
	24-Pergunnahs															
	Howrah	Calcutta	29.582	29.603	-.117	South-easterly.	205	98.4	24th "	74.2	27th "	93.8	78.9	86.4	-1.0	89.0
	Hooghly															
	Burdwan	Burdwan	29.495	29.593	-.121	SE	170	101.7	21st, 22nd & 24th May.	70.4	27th "	97.7	73.7	88.2	-0.4	87.0
	Bankoora	Bankoora	29.273	-	-	Variable	116.4	105.1	22nd & 24th May.	67.1	27th "	98.2	79.3	85.9	-	89.0
	Beerbhoom	Raneegunge	29.260	-	-.143	South-easterly.	193.0	107.0	21st "	74.9	27th "	100.0	80.5	90.3	-1.1	89.0
	West Burdwan															
	Moorshedabad	Berhampore	29.558	29.624	-.087	E	168.6	100.2	24th "	75.3	27th "	95.1	78.1	86.6	-1.7	89.0
	Nuddea	Krishnaghur	29.566	-	-	SE	154.3	98.8	24th "	74.8	27th "	95.0	77.3	86.2	-	85.0
EAST BENGAL.	Jessore	Jessore	29.609	29.642	-.087	SSE	161.5	99.3	24th "	75.4	26th & 27th May.	94.4	79.1	86.8	+0.7	89.0
	Khoolna															
	Chittagong	Chittagong	29.605	29.694	-.089	Calm & SE.	108.0	93.7	23rd "	73.5	23rd "	91.4	77.9	84.6	+1.5	89.0
	Chittagong Hill Tracts	Demagiri							Observations not received.							
	Backergunge	Barrisal	29.642	29.654	-.114	S	143.1	96.5	23rd May	74.4	27th "	92.4	79.1	83.8	+1.7	89.0
	Noakholly	Noakholly	29.635	29.679	-	Calm	56.4	94.0	23rd "	71.9	26th "	91.2	77.0	84.1	-	86.0
	Furreedpore	Furreedpore	29.622	-	-.141	South-easterly	125.0	92.5	23rd "	71.9	27th "	88.5	77.8	83.2	-2.3	86.0
	Dacca	Dacca	29.645	29.667	-.064	Variable	127.0	98.1	24th "	74.1	27th "	93.4	79.1	86.3	+2.2	87.0
	Tipperah	Commillah	29.645	29.680	-.108	SE	83.8	98.3	25th "	71.8	26th "	94.2	76.9	85.5	+1.6	86.0
	Mymensingh	Mymensingh	29.638	-	-.110	Easterly	111.4	92.3	21st to 24th May.	71.1	21st "	91.0	76.7	83.9	+2.6	86.0
NORTH BENGAL.	Bogra	Bogra	29.573	29.635	-	ENE	123.1	102.8	24th "	68.3	26th "	96.7	76.4	86.6	-	87.0
	Pubna	Serajgunge	29.612	29.658	-.120	NE	116.4	98.6	24th "	75.2	27th "	94.9	77.6	86.3	+1.7	87.0
	Rajshahye	Rampore Benu-lean.	29.564	29.634	-.096	SE	202.2	97.4	24th "	70.7	22nd "	94.5	76.4	83.5	-2.9	86.0
	Maldah	Maldah	29.456	-	-	Easterly	70.1	190.7	25th "	71.4	22nd "	97.2	77.3	87.3	-	89.0
	Dinapore	Dinapore	29.535	29.654	-.070	NNE	128.0	98.1	25th "	68.6	22nd "	94.3	76.7	85.5	+1.0	87.0
	Rangpore	Rangpore	29.556	29.650	-.120	E	110.0	96.8	25th "	70.2	21st "	92.1	76.3	84.2	+2.0	87.0
	Julpigoree	Julpigoree	29.491	29.658	-.120	ENE	118.1	94.0	25th "	70.8	21st "	90.8	73.9	82.4	+1.3	86.0
	Cooch Behar															
	Darjeeling Hill Districts	Darjeeling	22.939	-	-.050	E	93.1	72.1	25th "	51.6	22nd "	66.8	53.9	60.4	+1.8	60.0
	Purneah	Purneah	29.293	29.649	-.059	Easterly & calm.	50.7	104.3	25th "	71.6	22nd "	90.9	76.6	83.3	+2.5	86.0
SOUTH BENGAL.	North Bhagulpore															
	Mozufferpore	Mozufferpore							Observations suspended.							
	Durbhunga	Durbhunga	29.453	29.628	-.071	E, ESE	213.0	99.4	21st May	60.5	22nd "	97.8	77.4	87.6	+1.0	87.0
	Chumpanun	Motihari	29.403	29.628	-.075	ESE	213.7	103.3	25th "	67.8	22nd "	98.3	76.9	87.6	-0.7	87.0
	Saran	Chupra	29.432	-	-.109	E	225.5	109.5	26th "	73.6	27th "	105.6	79.3	92.6	+0.9	87.0
	Shahabad	Dehree	29.218	29.564	-.130	S	270.5	106.0	21st "	73.0	27th "	90.3	80.4	89.9	-2.1	87.0
		Buxar	29.352	29.590	-.103	E	223.4	108.4	21st "	71.8	27th "	103.5	80.4	92.0	-0.7	87.0
		Arrah	29.381	29.575	-.114	E	157.3	109.4	21st "	72.7	27th "	104.1	80.5	92.3	0	87.0
	Gya	Gya	29.184	29.552	-.133	Northerly	152.0	110.6	22nd "	76.3	27th "	105.3	83.7	94.5	+2.0	87.0
	Patna	Bankipore	29.421	29.601	-.075	E	168.0	108.1	21st "	73.7	27th "	99.8	80.1	90.0	-0.8	87.0
CHUTIA NAGPUR.	South Bhagulpore															
	Monghyr	Blaspore	29.416	29.576	-.115	E	132.6	98.7	22nd "	75.0	27th "	96.2	79.3	87.8	-1.4	87.0
	Sonthal Pergunnahs	Doomka	29.087	-	-	Easterly	101.3	103.5	21st "	73.3	27th "	97.9	79.3	88.6	-	87.0
	Hazaribagh	Hazaribagh	27.611	29.596	-.08	Variable	353.0	105.0	24th "	70.2	27th "	98.2	76.0	87.1	-0.2	87.0
	Lohardugga	Ranchee	27.479	29.546	-.142	Variable.	253.6	104.5	22nd "	68.9	27th "	99.4	74.0	86.7	-0.6	87.0
	Manbhoom															
	Singbhoom	Chyebassa	28.787	-	-	Variable.	111.6	107.8	21st "	72.7	27th "	100.8	80.2	87.0	-	87.0
		Sibsagar	29.410	29.748	-.057	NE	58.0	95.4	24th "	73.5	21st "	91.0	75.7	83.4	+2.8	87.0
	Assam	Dhubri	29.579	29.636	-.074	ENE	174.0	93.2	25th "	69.3	21st "	89.0	73.7	82.4	+0.3	87.0
		Silchar	29.588	29.692	-.110	Easterly & calm.	75.0	102.1	24th "	73.3	27th "	96.5	76.2	86.3	+4.1	87.0

*Explanation. - Summary.* - The normal means of air pressure and temperature are the arithmetical average or means of the readings during the same period for the years 1871-80. The humidity of the atmosphere is expressed as percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The rainfall is the numerical means or average of the rainfall in that district determined from the returns sent in by the sub-divisional stations for the period in question during the same period. The station in the district sending the returns divided by the number of stations. A rainy day is one on which at least hundredth of an inch fell.



the week ending Friday, the 27th May 1887.

DISTRICT OBSERVATIONS.														Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
At 10 A.M.	Average cloud amount at 10 A.M. for week.	Rainfall of week at observing stations.	RAINFALL.									Average number of rainy days.	Normal number of rainy days.			
			Of week.		Since 1st of month.			Since 15th May 1887.								
			Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.						
76	5.6	0.10	—	—	—	—	—	—	—	—	—	—	—	Gopalpore	...	ORISSA.
79	8.4	12.25	0.65	—	2.48	—	—	—	1.14	—	—	1.4	—	False Point	Pooree	
58	6.1	2.23	0.67	—	2.71	—	—	—	1.22	—	—	1.5	—	Cuttack	Cuttack	
65	2.4	8.72	0.86	—	3.93	—	—	—	1.61	—	—	1.6	—	Balasore	Balasore	
75	7.0	3.20	2.38	0.89	3.49	4.26	—0.77	2.58	1.63	+0.95	2.3	1.6	—	Saugor Island	South-West Midnapore	SOUTH-WEST BENGAL.
63	6.0	1.32	3.56	0.75	5.09	4.53	+1.07	3.56	1.38	+2.18	3.0	1.5	—	Midnapore	South 24-Pergunnahs	
65	5.0	1.41	1.92	1.13	5.48	4.99	+0.58	2.06	1.80	+0.17	2.6	2.0	—	Calcutta	24-Pergunnahs	
60	5.6	5.19	4.94	0.99	7.45	4.37	+3.08	5.39	1.75	+3.64	2.7	2.0	—	Burdwan	Howrah	
66	5.4	0.61	1.01	0.59	2.42	3.23	—0.81	1.91	1.22	—0.21	2.8	1.3	—	Bankoora	Hooghly	SOUTH-WEST BENGAL.
68	3.9	2.43	3.46	0.75	5.44	2.65	+2.79	3.53	1.27	+2.26	3.0	1.7	—	Raneegunge	Burdwan	
67	5.7	0.56	3.59	1.44	6.33	4.25	+2.08	3.91	2.08	+1.83	2.8	2.0	—	Berhampore	Beerbhoom	
64	5.4	2.52	3.10	1.72	6.73	5.39	+1.34	4.07	2.55	+1.52	3.4	2.4	—	Krishnaghur	West Burdwan	
70	5.7	1.53	1.03	1.85	5.61	6.21	—0.60	1.54	2.71	—1.17	2.3	2.6	—	Jessore	Moorshedabad	EAST BENGAL.
71	7.1	3.81	2.11	2.36	8.14	8.96	—0.82	2.17	4.28	—2.11	2.5	2.8	—	Chittagong	Nuddea	
73	5.7	1.79	1.66	2.04	8.08	6.75	+1.33	1.66	3.16	—1.50	2.3	3.1	—	Barrisal	Jessore	
70	3.6	0.71	2.38	—	9.41	8.03	—1.38	1.20	3.82	—2.62	1.7	2.8	—	Noakholly	Khoolna	
70	2.6	1.10	0.93	2.31	4.91	8.03	—3.12	1.20	3.72	—2.52	1.7	2.8	—	Furreedpore	Chittagong	EAST BENGAL.
73	5.7	1.29	0.90	2.03	5.48	8.29	—2.81	1.41	3.01	—1.60	2.3	2.9	—	Dacca	Chittagong Hill Tracts	
73	4.3	0.33	2.20	—	9.46	8.03	—1.43	1.41	3.43	—2.02	2.3	3.2	—	Commillah	Backergunge	
76	6.0	1.04	1.51	2.41	5.45	8.76	—3.31	2.20	3.69	—1.49	2.2	2.9	—	Mymensingh	Noakholly	
67	4.3	2.21	1.81	2.23	2.36	6.78	—4.42	1.84	3.35	—1.51	3.0	2.7	—	Bogra	Furreedpore	NORTH BENGAL.
70	4.9	0.21	0.82	2.08	2.07	6.63	—3.96	1.05	3.31	—2.26	3.5	2.6	—	Serajgunge	Dacca	
70	3.9	2.14	1.74	1.52	3.04	5.46	—2.42	2.41	2.55	—0.11	2.0	2.2	—	Rampore Beaulah	Tipperah	
65	3.7	2.34	2.06	1.69	2.84	3.76	—0.91	2.06	1.99	+0.07	3.0	1.8	—	Maldah	Mymensingh	
71	4.6	2.97	3.83	1.41	5.07	4.62	+0.46	3.85	2.39	+1.46	3.0	1.5	—	Dinapore	Bogra	NORTH BENGAL.
73	0.3	0.56	1.45	3.44	5.50	9.45	—3.95	2.48	5.62	—2.74	3.5	3.0	—	Rungpore	Pubna	
71	5.0	1.35	2.06	4.94	10.75	12.05	—1.30	6.31	7.37	—1.06	2.4	4.1	—	Julpigoree	Rajshahye	
76	6.0	5.03	4.67	2.93	11.95	8.93	+3.02	7.74	4.67	+3.07	3.0	3.8	—	Darjeeling	Maldah	
66	3.6	3.13	4.47	1.07	5.56	3.75	+1.81	4.47	1.81	+2.66	2.4	1.4	—	Purneah	Darjeeling Hill Districts	NORTH BEHAR.
67	3.1	1.80	1.91	0.50	2.81	1.95	+0.66	2.32	0.79	+1.53	1.3	1.0	—	Mozufferpore	Purneah	
67	4.3	1.17	1.66	0.67	1.40	2.33	—0.93	1.06	0.81	+1.10	1.7	0.8	—	Durbhunga	North Bhagulpore	
60	2.6	1.90	2.04	0.38	2.25	1.67	+0.58	2.04	0.58	+1.46	1.0	0.7	—	Chupra	Mozufferpore	
62	2.6	2.76	—	—	—	—	—	—	—	—	—	—	—	Dehree	Durbhunga	NORTH BEHAR.
65	2.1	1.80	3.32	0.18	3.33	0.88	+2.45	3.32	0.35	+2.97	1.0	0.6	—	Buxar	Chumparan	
63	2.9	2.05	—	—	—	—	—	—	—	—	—	—	—	Arrah	Saran	
62	3.7	1.72	2.88	0.42	2.92	1.39	+1.53	2.88	0.97	+1.91	2.0	0.8	—	Gya	Shahabad	
60	3.5	1.50	2.52	0.49	2.57	1.53	+1.04	2.52	0.84	+1.68	1.5	0.8	—	Bankipore	Gya	SOUTH BEHAR.
61	2.6	1.79	1.37	0.44	2.62	1.84	+0.78	1.37	1.02	+0.35	1.6	0.9	—	Bhagulpore	Patna	
71	3.9	4.88	3.91	0.80	5.15	2.84	+2.31	3.91	1.43	+2.48	2.8	1.3	—	Doomka	South Bhagulpore	
62	4.7	3.87	4.00	0.59	4.30	2.62	+2.28	4.00	0.84	+3.16	2.0	1.4	—	Hazaribagh	Monghyr	
66	5.9	10.03	4.67	0.44	5.37	1.90	+3.47	4.67	0.96	+3.71	2.5	1.3	—	Ranchee	Sonthal Pergunnahs	CENTRAL NAGPUR.
64	4.3	7.74	8.15	10.81	10.20	5.23	+6.97	8.15	1.04	+6.51	2.9	1.6	—	Chyabassa	Hazaribagh	
73	7.4	4.01	—	—	—	—	—	—	—	—	—	—	—	Sibsagar	Lohardugga	
77	5.0	0.25	—	—	—	—	—	—	—	—	—	—	—	Dhubi	Manbhoom	
65	5.6	1.48	—	—	—	—	—	—	—	—	—	—	—	Silchar	Singbhoom	ASSAM.

The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater.  
 The cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head "District observations of rainfall, the normal mean of the district are the numerical averages of the rainfall return received in the district, i.e., from the total rainfall at the sub-divisions.



Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 27th of May 1887

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain- fall since 1st of month.	Average total rain- fall from 1st of month.	Total rain- fall since 15th May 1887.	Average rain- fall from 1st of May to date.	
			Saturday, 21st May.	Sunday, 22nd May.	Monday, 23rd May.	Tuesday, 24th May.	Wednesday, 25th May.	Thursday, 26th May.	Friday, 27th May.	Number of rainy days.	Rainfall in week.					
ORTISSA	Pooree	Pooree	.....	.....	.....	.....	0'22	.....	.....	2	1'43	2'74	2'09	.....	1'49	
		Khurdah	.....	.....	.....	.....	0'06	1'48	.....	.....	.....	.....	2'09	.....	.....	
		Banpur	.....	.....	.....	.....	0'20	.....	.....	.....	.....	.....	1'87	.....	.....	
		False Point	.....	.....	.....	.....	0'68	5'57	.....	2	12'25	13'34	2'98	.....	12'25	
		Gop	.....	.....	.....	.....	0'21	.....	.....	.....	.....	.....	?	.....	.....	
	Cuttack	Pipli	.....	.....	.....	.....	.....	2'46	.....	1	2'46	2'46	?	.....	2'46	
		Jagatsingapore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2'32	.....	.....	
		Banki	.....	.....	.....	0'05	1'04	.....	.....	.....	.....	.....	1'67	.....	.....	
		Cuttack	.....	.....	.....	.....	0'11	2'89	.....	2	3'00	4'38	3'02	.....	3'00	
		Kendrapara	.....	.....	.....	.....	2'06	4'18	.....	2	6'14	7'03	3'26	.....	6'24	
	Balasore	Jaipore	.....	.....	.....	.....	.....	9'15	.....	1	9'15	10'13	3'41	.....	9'25	
		Dharmasalla	.....	.....	.....	.....	0'19	5'00	.....	2	5'19	6'03	?	.....	5'03	
		Salipore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	.....	
		Chandbali	.....	.....	.....	.....	.....	7'66	.....	1	7'66	11'33	4'01	.....	.....	
		Bhuddruck	.....	.....	.....	.....	.....	.....	.....	2	6'51	8'94	4'34	.....	8'76	
SOUTH-WEST BENGAL.	Midnapore	Sorah	.....	.....	.....	.....	0'25	6'46	.....	2	6'71	7'95	4'05	.....	6'51	
		Balasore	.....	.....	.....	.....	0'60	0'40	0'10	3	1'10	2'70	5'02	.....	1'10	
		Baripoddah	.....	.....	.....	.....	.....	2'50	0'96	2	3'46	5'99	4'15	.....	3'46	
		Contai	.....	.....	.....	.....	0'50	2'60	3'53	3	3'63	3'67	3'97	.....	3'63	
		Saugor Island	.....	.....	.....	.....	0'72	1'83	.....	2	2'55	3'72	4'15	.....	2'55	
	24-Pergunnah	Tumlook	.....	.....	.....	.....	0'30	0'70	1'40	3	2'60	4'40	4'33	.....	2'60	
		Midnapore	.....	.....	.....	.....	0'25	1'43	2'18	3	3'86	6'15	4'67	.....	3'86	
		Ghatal	.....	.....	.....	.....	0'80	0'65	2'68	3	4'22	6'26	4'57	.....	4'22	
		Devog	.....	.....	.....	.....	0'34	0'95	1'24	3	2'53	4'93	?	.....	2'53	
		Heria	.....	.....	.....	.....	0'17	2'33	0'71	3	3'23	4'99	?	.....	3'23	
	Howrah	Bhagwanpore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	.....	
		Garbeta	.....	.....	.....	.....	.....	0'50	.....	1	0'50	1'69	?	.....	0'50	
		Diamond Har- bour	.....	.....	.....	.....	0'45	1'70	.....	2	2'15	3'93	4'66	.....	2'15	
		Canning Town	.....	.....	.....	.....	0'20	0'47	0'60	4	2'35	6'43	?	.....	2'35	
		Alipore Jail	.....	.....	.....	.....	0'71	0'93	1'02	3	2'66	6'14	4'89	.....	2'66	
Hooghly	Barrackpore	0'30	.....	.....	.....	.....	0'50	0'97	3	1'77	6'17	4'43	.....	1'77		
	Dum-Dum	.....	.....	.....	.....	.....	0'19	1'43	2	1'62	7'70	5'08	.....	1'62		
	Baraset	.....	.....	.....	.....	.....	0'96	1'37	2	2'33	4'47	5'32	.....	2'33		
	Buseerhat	.....	.....	.....	.....	.....	0'46	1'18	2	1'64	4'53	5'85	.....	2'63		
	Howrah	.....	.....	.....	.....	0'67	0'57	0'75	3	1'39	7'06	4'47	.....	1'39		
Burdwan	Mohesreka (Ootoberiah.)	.....	.....	.....	.....	0'04	0'45	0'42	3	0'91	3'88	5'23	.....	0'91		
	Serampore	.....	.....	.....	.....	.....	0'36	1'08	2	1'44	6'03	4'22	.....	1'77		
	Hooghly	.....	.....	.....	.....	0'21	0'72	0'58	3	1'51	4'03	4'34	.....	1'51		
	Jehanabad	.....	.....	.....	.....	0'07	0'61	3'24	3	3'92	4'91	4'55	.....	3'92		
	Culina	.....	.....	.....	.....	0'34	0'70	2'70	3	3'74	5'48	4'45	.....	4'09		
Bankoora	Burdwan	.....	.....	.....	.....	0'07	0'17	5'35	3	5'59	8'03	4'50	.....	5'59		
	Culina	.....	.....	.....	.....	.....	0'70	4'79	2	5'49	8'87	4'07	.....	6'59		
	Ranegunge	.....	.....	.....	.....	0'45	0'84	1'18	3	2'47	4'15	2'44	.....	2'47		
	Mankur	.....	.....	.....	.....	.....	0'10	0'71	2	0'81	3'42	?	.....	0'81		
	Bankoora	.....	.....	.....	.....	.....	0'41	0'25	2	0'66	1'51	3'13	.....	0'66		
Beerbhoom	Bishenpore	.....	.....	.....	0'09	0'10	0'30	0'40	4	0'8	2'47	4'63	.....	0'39		
	Mahara	.....	.....	.....	.....	.....	0'68	1'20	2	1'88	3'42	2'59	.....	1'88		
	Khatra	.....	.....	.....	.....	.....	0'12	0'35	0'15	3	0'62	2'30	2'53	.....	0'62	
	Indas	.....	.....	.....	.....	.....	0'25	0'25	2	0'50	3'70	?	.....	0'30		
	Kotalpore	.....	.....	.....	.....	.....	0'40	0'31	1'51	3	3'46	?	.....	2'31		
Nuddes	Anda	.....	.....	.....	.....	0'30	0'50	0'0	3	0'85	0'95	?	.....	0'85		
	Ganrajghati	.....	.....	.....	.....	.....	0'65	1'00	2	1'65	2'21	?	.....	1'65		
	Raipore	.....	.....	.....	.....	.....	0'75	0'12	2	0'87	3'47	?	.....	0'87		
	Sonamukhi	.....	.....	.....	.....	.....	.....	1'09	1	1'09	1'09	?	.....	1'09		
	Bh. Scory	.....	.....	.....	0'06	0'11	0'55	3'05	4	3'77	5'69	2'90	.....	3'79		
Khoolna	Hetampore	.....	.....	.....	.....	0'21	1'89	1'15	3	3'25	4'40	2'31	.....	3'25		
	Rampore Haut	.....	.....	.....	.....	.....	0'40	3'95	2	4'35	7'40	2'66	.....	4'39		
	Bolpore	.....	.....	.....	.....	0'28	0'33	0'36	4	1'83	3'40	?	.....	1'83		
	Ranaghat	.....	.....	.....	.....	0'18	0'68	1'11	3	1'97	4'83	4'55	.....	2'60		
	Kishnaghur	.....	.....	.....	.....	1'46	0'39	0'68	1'16	4	3'69	5'06	.....	4'65		
Jeassore	Choondanga	.....	.....	.....	.....	1'30	0'60	1'02	3	2'92	5'12	6'80	.....	3'34		
	Moherpore	0'17	.....	.....	.....	.....	0'43	0'36	1'28	4	2'24	9'05	4'43	.....	4'06	
	Kooshia	.....	.....	.....	.....	.....	3'05	0'29	1'32	3	4'66	6'37	6'10	.....	5'06	
	Satkhira	.....	.....	.....	.....	.....	.....	1'14	0'04	2	1'18	6'60	5'40	.....	1'92	
	Bagirhat	.....	.....	.....	.....	.....	.....	0'50	1'20	2	1'70	7'98	6'18	.....	1'70	
Moorshedabad	Khoolna	.....	.....	.....	.....	.....	0'69	0'19	2	0'79	5'67	6'06	.....	0'79		
	Narail	.....	.....	.....	.....	.....	.....	6'17	0'01	2	0'18	3'59	6'57	.....	0'35	
	Jeassore	.....	.....	.....	.....	.....	.....	0'48	1'05	2	1'53	8'24	6'56	.....	2'07	
	Jhenidah	.....	.....	.....	.....	0'06	0'32	0'99	3	1'28	3'61	6'21	.....	1'96		
	Magoorah	.....	.....	.....	.....	0'09	0'20	0'94	3	0'33	2'99	7'28	.....	1'99		
Chittagong	Bongong	.....	.....	.....	.....	.....	0'30	0'91	2	1'21	2'19	5'31	.....	1'19		
	Kandi	0'22	.....	.....	.....	0'99	0'21	2'60	0'34	5	3'76	5'97	3'71	.....	3'97	
	Berhampore	.....	.....	.....	.....	.....	.....	0'05	2'00	2	2'05	3'96	4'09	.....	2'46	
	Lalbagh	.....	.....	.....	.....	.....	.....	0'20	2'20	2	2'40	5'22	4'17	.....	2'81	
	Azimungo	.....	.....	.....	.....	.....	.....	0'04	0'15	3	2'74	5'18	3'07	.....	3'06	
Chittagong Hill Tracts.	Jungipore	.....	.....	.....	.....	.....	0'07	0'27	6'11	3	6'45	7'94	4'07	.....	7'02	
	Lalgola	.....	.....	.....	.....	.....	.....	0'42	3'15	2	3'57	7'98	3'86	.....	4'12	
	Akhrican	.....	.....	.....	.....	.....	.....	0'13	0'12	1'20	3	1'45	2'99	?	.....	1'95
	Patkabari	0'10	.....	.....	.....	.....	0'05	0'50	1'90	4	2'55	5'85	?	.....	2'09	
	Cox's Bazar	.....	.....	.....	.....	.....	.....	0'26	0'10	2	0'45	7'43	9'52	.....	0'57	
Backergunge	Chittagong	.....	.....	.....	.....	0'66	0'16	.....	2'95	.....	.....	8'38	.....	.....		
	Kutubdia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	.....		
	Satkanya	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	.....		
	Rangamati	.....	.....	.....	0'16	1'84	0'11	0'75	0'05	5	2'91	9'23	8'94	.....	5'06	
	Ruma	.....	.....	.....	1'56	.....	0'10	0'95	0'08	4	1'70	5'68	8'07	.....	2'52	
Bhola	Patuakhally	.....	.....	.....	0'55	.....	.....	1'07	.....	2	1'62	6'94	7'21	.....	1'63	
	Perozepore	.....	.....	.....	.....	.....	.....	0'33	1'88	2	2'21	8'81	0'39	.....	2'21	
	Burrisal	.....	.....	.....	.....	.....	.....	0'30	1'52	3	1'94	9'10	7'01	.....	1'94	
	Bhola	.....	.....	.....	.....	.....	.....	0'18	0'64	0'15	3	0'87	6'48	.....	0'87	

District.	Station.	RAINFALL.							TOTAL		Total rain- fall since 1st of month.	Average total rain- fall from 1st of month.	Total rain- fall since 16th May 1897.	Average rainfall (from 1st) May to date.
		Saturday, 21st May.	Sunday, 22nd May.	Monday, 23rd May.	Tuesday, 24th May.	Wednesday, 25th May.	Thursday, 26th May.	Friday, 27th May.	Number of rainy days.	of rainfall week.				
SOUTH BENGAL concord.	Gournaddi Bauhal	0.05	0.46	0.06	0.56	0.46	0.06	2	0.62	8.06	?	0.62	?	
	Noakholly	0.72	0.12	0.94	0.32	0.14	0.00	4	2.10	8.62	8.75 10.06 ?	2.30	3.74 3.90 ?	
	Farrukpore	0.89	0.60	0.52	0.41	0.38	0.00	2	1.49	5.10	8.03	1.71	3.9	
	Dacca	0.06	0.31	0.29	0.31	0.12	0.00	3	0.68	6.25	8.36	1.16	3.21	
	Hill Tipperah	0.32	0.23	0.17	0.23	0.10	0.40	2	0.40	4.55	9.40	0.57	3.36	
	Tipperah	0.30	0.23	0.30	1.00	0.10	0.40	2	1.30	6.20	9.28	1.30	3.54	
	Memensingh	1.80	0.54	0.78	0.23	0.41	0.10	5	3.12	5.27	0.46	3.60	3.82	
	Pubna	0.18	0.22	0.15	0.82	0.02	0.19	4	1.37	2.40	6.50	1.57	3.06	
	Rogra	0.41	0.16	0.02	0.11	0.11	0.11	1	0.11	1.30	7.72	0.19	4.10	
	Chahayee	0.51	0.81	0.12	0.15	1.77	0.15	3	2.92	3.57	4.71	2.92	2.28	
SOUTH BENGAL	Maldah	0.05	0.54	0.04	0.16	1.58	0.12	3	2.34	3.55	3.20	2.34	1.55	
	Dinapore	0.16	0.27	0.19	0.27	0.31	0.14	4	2.32	2.40	3.69	2.32	2.20	
	Rongpore	0.27	0.40	0.71	0.05	0.00	0.15	4	0.81	4.73	8.45	1.58	5.38	
	Julpigore	0.35	0.34	0.58	0.58	0.99	0.07	2	1.45	11.08	10.18	6.41	5.88	
	Cooch Behar	0.22	0.17	0.11	0.07	0.26	0.51	3	1.23	12.07	12.95	0.31	8.26	
	Darjeeling	0.18	0.04	0.06	1.01	0.92	0.35	3	2.14	20.24	17.02	12.34	10.44	
	North Bham	0.10	1.00	0.19	0.19	0.07	0.07	3	3.15	6.03	4.64	3.15	2.50	
	Darbhanga	0.75	0.48	0.50	1.01	0.92	0.35	3	2.14	20.24	17.02	12.34	10.44	
	Mozufferpore	0.60	0.25	0.25	1.17	1.77	2.65	2	1.77	2.12	2.29	1.77	0.96	
	Unomparun	0.47	0.47	0.47	0.47	0.47	0.47	2	0.94	1.67	1.67	0.94	0.94	

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 27th of May 1887—*concl.*

Met orological Division.	District.	Station.	RAINFALL.							TOTAL.		Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st of May 1887.	Average rainfall from 1st of May to date.	
			Saturday, 21st May.	Sunday, 22nd May.	Monday, 23rd May.	Tuesday, 24th May.	Wednesday, 25th May.	Thursday, 26th May.	Friday, 27th May.	Number of rainy days.	Rainfall week.					
NORTH BEHAR —concluded.	Saran	Gopalgunge ...	.....	.....	.....	.....	.....	.....	1'03	1	1'03	1'06	2'52	1'03		
SOUTH BEHAR	Shahabad	Sewan ...	.....	.....	.....	.....	.....	.....	1'40	1	1'40	1'40	1'49	1'44	0'07	
		Chuprah ...	.....	.....	.....	.....	.....	.....	3'70	1	3'70	3'70	0'98	3'70	0'00	
		Buzar ...	.....	.....	.....	.....	.....	.....	3'73	1	3'73	3'73	0'60	3'73	0'00	
		Dehree ...	.....	.....	.....	.....	.....	.....	3'95	1	3'95	3'97	?	3'95	0'02	
		Rhubooah ...	.....	.....	.....	.....	.....	.....	0'14	1	0'14	0'14	0'06	0'14	0'00	
		Sasseram ...	.....	.....	.....	.....	.....	.....	4'10	1	4'10	4'10	0'84	4'10	0'00	
		Arrah ...	.....	.....	.....	.....	.....	.....	5'30	1	5'30	5'32	1'12	5'30	0'02	
		Mohanis ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	.....	
	Gya	Aurungabad ...	.....	.....	.....	.....	.....	0'30	4'93	2	5'23	5'36	1'17	5'23	0'07	
		Gya ...	.....	.....	.....	.....	.....	0'44	1'76	2	2'20	2'20	1'36	2'20	0'00	
		Nowadah ...	.....	.....	.....	.....	.....	0'09	0'83	2	0'92	0'92	1'89	0'92	0'00	
		Jehanabad ...	.....	.....	.....	.....	.....	0'02	3'15	2	3'17	3'19	1'12	3'17	0'00	
		Arwal ...	.....	.....	.....	.....	.....	.....	4'60	1	4'60	4'60	?	4'60	0'00	
		Daudnagar ...	.....	.....	.....	.....	.....	.....	3'40	1	3'40	3'70	?	3'40	0'00	
		Sherghati ...	.....	.....	.....	.....	.....	0'60	1'98	2	2'48	2'48	?	2'48	0'00	
		Rajauli ...	.....	.....	.....	.....	.....	0'80	0'82	2	1'62	2'52	?	2'52	0'00	
		Pakri Barawan ...	.....	.....	.....	.....	.....	0'18	0'40	2	0'58	0'58	?	0'58	0'00	
		Patna	Patna ...	.....	.....	.....	.....	.....	0'08	2'38	2	2'46	2'60	1'43	2'46	0'00
	Dinapore ...		.....	.....	.....	.....	.....	.....	3'07	1	3'07	3'07	1'02	3'07	0'00	
	Behar ...		.....	.....	.....	.....	.....	.....	1'50	1	1'50	1'50	1'76	1'50	0'00	
	Barri ...		.....	.....	.....	.....	.....	0'05	3'00	2	3'05	3'10	1'87	3'05	0'00	
	Munshyr	Bickrum ...	.....	.....	.....	.....	.....	0'20	3'75	2	3'95	3'95	?	3'95	0'00	
		Hilsa ...	.....	.....	.....	.....	.....	.....	1'74	1	1'74	1'74	?	1'74	0'00	
		Begoeserai ...	.....	.....	.....	.....	.....	.....	1'04	1	1'04	3'76	1'70	1'94	0'00	
		Munshyr ...	.....	.....	.....	.....	.....	.....	1'42	1	1'42	2'73	1'83	1'42	0'00	
South Bhagulpore.	Jamui ...	.....	.....	.....	.....	.....	0'32	0'45	2	0'87	1'05	1'03	0'87	0'00		
	Gogri ...	.....	.....	.....	.....	.....	.....	2'00	1	2'00	2'75	?	2'00	0'00		
	Sheikpura ...	.....	.....	.....	.....	.....	.....	2'00	1	2'00	2'00	?	2'00	0'00		
	Bhagulpore ...	.....	.....	.....	.....	0'22	.....	1'59	2	1'81	2'91	2'00	1'81	0'00		
	Banks ...	.....	.....	.....	.....	.....	0'10	0'70	2	0'80	1'72	1'96	0'80	0'00		
	Kolgong ...	.....	.....	.....	.....	.....	.....	2'75	1	2'75	4'18	?	2'75	0'00		
	Sonthal Pergunnahs.	Rajmehal ...	.....	.....	.....	.....	.....	0'15	7'70	2	7'85	8'88	3'80	7'85	0'00	
	Godda ...	.....	0'22	.....	.....	.....	.....	0'13	2'15	3	2'50	2'98	2'36	2'50	0'00	
	Pakour ...	.....	.....	.....	.....	0'11	0'25	0'29	6'35	5	7'17	8'16	3'12	7'17	0'00	
	Nya Dooinka ...	.....	.....	.....	.....	.....	.....	0'72	2'50	3	3'37	3'96	2'48	3'37	0'00	
CHUTIA NAG-PUR.	Hazaribagh ...	Deokur ...	.....	.....	.....	.....	.....	0'58	0'67	2	1'25	3'23	2'33	1'25	0'00	
		Jamtara ...	.....	.....	.....	.....	.....	0'25	1'04	2	1'29	2'53	2'81	1'29	0'00	
		Nunihat ...	.....	0'30	.....	.....	.....	.....	.....	1'10	2	1'40	1'60	?	1'40	0'00
		Paenamba ...	.....	.....	.....	.....	.....	.....	0'96	1	0'96	1'53	1'87	0'96	0'00	
	Lohardugga.	(Giridi) ...	.....	.....	.....	.....	.....	.....	0'87	3'31	2	4'18	4'75	1'73	4'18	0'00
		Hazaribagh ...	.....	.....	.....	.....	.....	.....	4'23	1'12	2	5'35	5'70	2'38	5'35	0'00
		Semtagurah ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	1'62	?	.....	0'00	
		Manuhdi Hills ...	.....	.....	.....	.....	.....	.....	1'40	4'50	2	5'90	5'90	2'50	5'90	0'00
		Barhi ...	.....	.....	.....	.....	.....	.....	0'60	2'87	2	3'47	3'47	?	3'47	0'00
		Chatra ...	.....	.....	.....	.....	.....	.....	0'80	5'66	2	6'45	7'66	?	6'45	0'00
Manbhoom ..	Karagdeha ...	.....	.....	.....	.....	.....	.....	0'40	1'60	2	2'00	2'84	?	2'00	0'00	
	Kamghar ...	.....	.....	.....	.....	.....	.....	1'69	8'71	2	5'30	5'70	?	5'30	0'00	
	Lohardugga ...	.....	.....	.....	.....	.....	.....	2'35	3'45	2	5'80	5'88	?	5'80	0'00	
	Kanchi ...	.....	.....	.....	.....	.....	.....	4'57	6'45	2	11'02	11'54	2'08	11'02	0'00	
	Palamow ...	.....	.....	.....	.....	.....	.....	0'36	3'55	2	3'91	3'91	1'0	3'91	0'00	
	Silt ...	.....	.....	.....	.....	.....	.....	1'20	2'00	2	3'20	3'30	?	3'20	0'00	
Singbhoom ...	Balumat ...	.....	.....	.....	.....	.....	.....	1'40	2'23	2	3'84	3'84	?	3'84	0'00	
	Hosseinabad ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	0'00		
	Garewah ...	.....	.....	.....	.....	.....	.....	1'68	.....	.....	.....	?	.....	0'00		
	Chyeonasa ...	.....	.....	.....	.....	.....	.....	6'95	1'20	2	8'15	10'20	3'23	8'15	0'00	
Manbhoom ..	Chakradhar ...	.....	.....	.....	.....	.....	.....	3'39	0'42	2	3'81	4'95	?	3'81	0'00	
	Chatsilla ...	.....	.....	.....	.....	.....	.....	1'67	.....	.....	.....	?	.....	0'00		
	Baharapura ...	.....	.....	.....	.....	.....	.....	2'50	.....	.....	.....	?	.....	0'00		
	Purulia ...	.....	0'29	.....	.....	.....	.....	0'67	1'23	3	2'19	3'76	2'08	2'19	0'00	
SOUTH BEHAR	Gobinapore ...	.....	.....	.....	.....	.....	0'04	0'72	0'80	3	1'56	2'27	1'54	1'56	0'00	
	Kaghunath ...	.....	.....	.....	.....	.....	1'25	1'73	2'73	3	5'75	6'58	?	5'75	0'00	
	Barrabhoom ...	.....	.....	.....	.....	.....	.....	0'93	0'53	2	1'46	2'47	?	1'46	0'00	
	Jhalda ...	.....	.....	.....	.....	.....	.....	2'00	.....	.....	.....	?	.....	0'00		
SOUTH BEHAR	Chas ...	.....	.....	.....	.....	.....	.....	1'10	1'40	2	2'50	2'68	?	2'50	0'00	

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 31st May 1887.



**SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS  
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVA-  
TIONS TAKEN IN ASSAM, FOR THE WEEK ENDING FRIDAY, THE 27TH  
OF MAY 1887.**

At the close of the previous week, weather conditions in Bengal were of the ordinary hot weather description, but, as stated in the last report, the conditions in the Bay of Bengal had commenced to become unsettled about the 18th or 19th, and on Friday, the 20th, the indications at the coast stations pointed clearly to the formation of a storm in the centre of the Bay to the west or north-west of the Andamans. The meteorology of the present week in Bengal has practically consisted in the history of the development and movement of this storm, which finally struck the coast near Balasore, and between that place and Saugor Island on the morning of Thursday, the 26th. During the period of formation and advance of the storm, the hot weather conditions in Bengal, which had existed for the previous week, became somewhat intensified; the winds fell off in strength and became a little variable in direction; humidity and temperature were very high, and weather generally very oppressive; but with the advance of the storm over the land, a total change of conditions took place. A strong burst of monsoon winds following the storm passed over the province, much rain was recorded, temperature fell largely, humidity became very high, and ordinary rainy season conditions obtained over a large part of the province.

As stated previously, the storm appeared to be forming on the 20th in the centre of the Bay to the west or north-west of the Andaman Islands. On the 21st the land observations appeared to show that it had somewhat intensified, and that it had moved very slowly in a northerly direction, though it was still to the south-west or west-south-west of Diamond Island. At this time it was on the east side of the centre of the Bay, and practically the only observations which showed its existence were those at Diamond Island, and even these did not indicate that it was a very severe storm. On the 22nd pressure rose at Diamond Island, indicating that the storm was moving away from that station, and so far as the land observations round the Bay showed, the storm had moved very slowly in a north-westerly or west-north-westerly direction. On the 23rd the position of the storm did not appear to have altered much, so far as the observations at the coast stations indicated; but it is probable that the storm was still slowly travelling in a north-westerly direction, for on the following day the pressures and wind directions recorded at the coast stations round the Bay indicated that the centre of the storm was about in the latitude of Vizagapatam and probably to the west of the centre of the Bay. In the Bay of Bengal daily chart for that day, the position of the storm was, as has been proved from subsequent observations, marked too far to the west of the Bay, and too near the coast of the Circars; but at that time all the indications at the coast stations pointed to the probability that the storm would cross the Ganjam coast south of Gopalpur or north of Vizagapatam. Observations received during the afternoon and night of the 24th showed that the storm was still travelling northwards, and the 6 A.M. observations showed that the storm area was approaching the latitude of False Point and was gradually nearing the land. On receipt of these observations at 8-36 A.M. on the 25th, orders were given to hoist warning signals in the Hooghly, indicating that a cyclonic storm would pass between False Point and Saugor Island. The centre of the storm finally reached the coast close to Balasore at about 4 or 4-30 A.M. of the 26th, and it continued to travel in a north-north-westerly direction, and at 10 A.M. was west-south-west of Midnapore. It must have then passed to the east of Ranchee through Chutia Nagpur, and at 10 A.M. of the 27th the centre of the storm was between Gya and Hazaribagh and was very rapidly filling up and disappearing. In the interval from 10 A.M. of the 26th to the 27th the storm had travelled about 160 to 180 miles in a north-north-westerly or north by westerly direction, or probably at the rate of about 7 miles an hour. The storm therefore appears for the first few days to have moved very slowly in a north-westerly direction; it then advanced more rapidly, and the direction of its movement became more northerly, and over the land it advanced in a north-north-westerly direction.

The Port Officers at all the important ports round the Bay were warned on the 22nd instant of the existence of a cyclonic storm in the Bay, the movement of which was uncertain. The Port Officers from False Point down to Masulipatam were warned on the 24th of the movement of the storm and of the approach of the storm towards the west coast of the Bay, while at 8-25 A.M. on the 25th telegrams were issued to the Port Officers at False Point, Chandbali and Balasore warning them of the further approach of the cyclonic storm, stating that it was opposite close up False Point, and that it was moving in a northerly direction, and about the same time orders were issued to the stations in the river Hooghly to hoist warning signals, and the Port authorities of Calcutta were informed.

The cyclone proved to be much more intense than was judged to be the case from the land observations, and near the centre of the storm weather was excessively stormy, winds were exceedingly fierce, the sea was extremely high, and pressure fell very low. With regard to the force of the wind, a velocity of 69 miles an hour was registered at False Point on the evening of the 25th for the period 5-40 to 7-40 P.M. At Saugor Island a velocity of 67 miles an hour from 6 to 7 A.M. and from 8 to 9 A.M. of the 26th was registered. It must be remembered, too, that these figures represent only the average velocity of the wind for the times named, and that they do not in any way represent the force of the gusts which must have been much larger than above indicated. It is therefore not surprising that the anemometers at Saugor Island and Balasore were carried away by the wind, while at



the river stations the fierceness of the wind was so great that the storm signal arrangements were at each station damaged, and could not be displayed for a portion of the time. The river signals remained hoisted practically for 48 hours until the morning of the 27th. The lowest pressure at any land station recorded was at Balasore at 4.30 A.M., on the 26th, where a pressure of about 28.42 inches (corrected to 32° and sea level) was registered. The lowest pressure registered at Saugor Island was only 29.189" at 4.5 A.M. of the 26th, so the storm centre must have been much closer to Balasore than to Saugor Island.

*Pressure.*—The discussion of the distribution of the pressure for the week, and of its variation from the normal, is of little value, for the changes have been governed by the passage of the cyclone just described, and therefore cannot be properly compared with the normal. Pressure has of course been largely below the normal, particularly in the districts affected by the storm, the average defect in some cases almost amounting to two-tenths of an inch.

*Temperature.*—As stated previously, was very high up till the time the storm commenced to pass over the land, when there was an extremely sudden and large fall of temperature, and from being largely above the normal, temperature became even more largely below it. For the whole week the mean temperature has generally been somewhat above the normal, but here again the variations in different parts of the province are clearly due to the almost accidental cause of the passage of the cyclone with its attendant heavy rainfall through certain parts of the province. Thus the western districts generally show defects from the normal, and the eastern and northern excess temperature. Assam, which has been quite free from the effects of the storm, shows an average excess temperature of 2.4°.

*Rainfall.*—Except for moderate rain over parts of North Bengal and North Behar at the commencement of the week, rainfall was practically absent over the province till the storm area, with its attendant rush of monsoon winds, commenced to travel over Bengal. The rainfall brought by the storm, and particularly near the central line of its advance, has been exceedingly heavy, and falls of from 6 to 10 inches within 24 hours have been reported in many cases, such as at Balasore, False Point, Ranchi, Chybassa, Jajpore, Bhudruck, Jungipore, Rajmahal, Pakur, Nilphamarhi, Purneah, Darjeeling, &c. The western districts have received the largest falls of rain, as it was through these districts that the cyclone passed, and thus in Orissa for the week there has been an average fall of 4.50 inches, in Chutia Nagpur the fall has been 4.60 inches, in South Behar 3.16 inches, in North Behar 2.71 inches, in South-West Bengal 2.49 inches, in North Bengal 2.10 inches and in East Bengal 1.40 inches. The falls in Orissa, Chutia Nagpur, Behar and South-West Bengal have largely exceeded the normal for the week, but in East and South Bengal the falls have been very decidedly smaller than the normal.

In Assam the rainfall has been heavy at Sibsagar, which has received 4.01 inches during the week, rather lighter at Silchar, where 1.48 inches is reported, while at Dhubri only 0.25 inch was received.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 27th of May 1887:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 15th May 1887.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	107.4	71.1	91.7	81.2	88.0	+0.4	4.50	0.74	+3.76	2.0	1.5	+0.5	6.05	3.14	4.61	1.96
South-West Bengal	107.0	67.1	96.2	79.4	87.8	-0.6	2.49	1.23	+1.26	2.5	2.0	+0.5	5.47	4.65	2.80	1.96
East Bengal	98.3	71.1	91.7	77.8	84.8	+1.2	1.40	2.22	-0.82	2.6	3.0	-0.4	6.68	8.44	1.67	3.47
North Bengal	102.8	68.3	94.4	76.4	85.4	+0.6	2.10	2.66	-0.56	2.8	2.7	+0.1	5.35	7.56	3.19	4.18
North Behar	109.5	67.8	100.4	77.6	89.0	+0.9	2.71	0.68	+2.03	1.7	1.0	+0.7	3.35	2.55	2.71	1.11
South Behar	110.6	71.8	100.9	80.6	90.7	-0.5	3.16	0.49	+2.67	2.0	0.9	+1.1	3.77	1.79	3.16	0.96
Chota Nagpur	105.5*	82.8*	98.8*	78.0*	87.0*	-0.4*	4.60	0.53	+4.05	2.0	1.3	+0.7	5.24	2.00	4.00	0.96
Assam	102.1	69.3	92.2	75.9	84.0	+2.4										

\* Chybassa not included.

METEOROLOGICAL OFFICE, BENGAL;

A. PEDLER,

The 31st May 1887.

Offg. Meteorological Reporter to the Govt. of Bengal.

## Results of the Meteorological Observations taken at the Alipore Observatory from 22nd to 28th May 1887.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 89° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1887.		O		Inches.	O	O		O	O	Inches	O	%			Inches.	
May	22nd	154.7	8.3	29.569	88.7	97.0	17.7	79.3	80.2	0.918	76.6	69	S by W and ESE ...	88	Nil	Chiefly cloudy.
"	23rd	150.5	6.8	29.551	89.6	98.3	16.4	81.9	80.7	0.930	77.0	68	SSW, E and SSE ...	83	"	Chiefly cloudy, o, t.
"	24th	158.5	5.8	29.543	88.1	96.2	14.5	81.7	80.2	0.926	76.9	70	SSE and E by S ...	129	"	Chiefly cloudy, o, t.
"	25th	152.5	1.0	29.509	88.5	87.7	6.6	81.1	77.8	0.868	74.9	74	ENE ...	385	0.08	Cloudy, o, g, d.
"	26th	133.7	Nil	29.441	79.5	84.3	8.6	75.7	75.4	0.829	73.6	83	SSE and E ...	428	1.33	Cloudy, o, g, d, p, t. < H
"	27th	150.0	2.0	29.550	83.8	87.7	13.5	74.2	79.7	0.964	78.1	83	SSE and S ...	384	0.41	Chiefly cloudy, o, g, p.
"	28th	148.1	3.5	29.627	84.6	89.0	14.0	75.0	79.9	0.974	78.4	81	S, SSW and SSE ...	311	Nil	Chiefly cloudy, o, g.

The mean pressure of the seven days	...	Inches	29.541
The average pressure of the corresponding period for 24 years, S. G.'s Office	...	...	29.618
The total number of hours of bright sunshine	...	Hours.	26.9
The maximum possible number of hours of sunshine	...	...	93.1
The mean temperature of the seven days	...	O	86.1
The average temperature of the corresponding period for 24 years, S. G.'s Office	...	...	86.7
The extreme variation of temperature	...	...	24.1
The maximum temperature	...	...	98.3
The highest velocity of the wind in one hour	...	Miles.	30
The highest pressure of wind on one square foot	...	Lbs.	14
The mean relative humidity	...	%	75
The average relative humidity of the corresponding period for 24 years, S. G.'s Office	...	...	75
The total fall of rain from 22nd to 28th May 1887	...	Inches.	1.82
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	1.32
The total fall from 1st January to 28th May 1887	...	...	10.46
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	8.90

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph. The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, p passing temporary showers, t thunder, < lightning, / strong wind.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;  
Calcutta, the 30th May 1887.

Results of the Thermometrical Observations taken at the Meteorological Office,  
Chowringhee, from 22nd to 28th May 1887.

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1887.		°	°	°	°	°	Inches.	°	%	Inches.
May	22nd	87.0	98.5	19.2	79.3	80.1	.934	77.2	72	Nil.
"	23rd	88.0	99.1	17.5	81.6	80.9	.961	78.0	73	"
"	24th	86.1	98.0	16.7	81.3	80.8	.981	78.6	79	"
"	25th	83.8	89.0	8.0	81.0	78.2	.891	75.6	77	"
"	26th	78.6	85.1	9.1	76.0	74.2	.787	72.0	80	0.49
"	27th	81.4	91.0	16.5	74.5	79.8	.997	79.1	93	0.71
"	28th	80.7	91.8	18.4	73.4	78.8	.960	78.0	91	0.54

The mean temperature of the seven days ... 83.7  
 The extreme variation of temperature ... 25.7  
 The maximum temperature ... 99.1  
 The mean relative humidity ... 81  
 The total fall of rain from 22nd to 28th May 1887 ... 1.74

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA,

The 30th May 1887.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

## MEMORANDUM.

DURING the week ending 14th May 1887, the principal Municipalities in Bengal returned the birth and death-rates of 15.1 and 24.7 per 1,000 of population, respectively, against 16.2 and 23.7 per 1,000, respectively, in the preceding week ending 7th May, indicating a retrogression in the registration of births and an improvement in that of deaths.

2. The following Municipalities returned the highest proportions of births and deaths:—

Births.			Deaths.		
		Ratio per mille.			Ratio per mille.
Comillah	...	46.2	Beauleah	...	49.9
Durbhanga	...	28.3	Gya	...	43.7
			Suburbs of Calcutta	...	43.0
			Comillah	...	42.4
			Serampore	...	39.3
			Puri	...	35.7

3. The subjoined table gives the death-rates from the principal death-causes. The figures denote that, as compared with the results of the preceding week, there was some enhancement of mortality from the unspecified maladies coming under the head of "Other causes," but no noticeable differences in the casualty-rates from the rest of the diseases:—

				Ratio per mille during the weeks ending—	
				14th May 1887.	7th May 1887.
Cholera	...	...	...	6.4	6.8
Small-pox	...	...	...	3	2
Fever	...	...	...	8.1	8.0
Bowel-complaints	...	...	...	2.9	2.7
Injury	...	...	...	2	5
Other causes	...	...	...	6.8	5.5

4. The highest death-rates from cholera, fever and "other causes," were returned from the following Municipalities, the rest of the maladies not proving conspicuously fatal anywhere:—

Cholera.		Ratio per mille.	Fever.		Ratio per mille.	Other causes.		Ratio per mille.
Suburbs of Calcutta	...	18.2	Beauleah	...	42.0	Puri	...	18.9
Bali	...	14.0	Comillah	...	27.0	Gya	...	17.1
Patna	...	10.1				Serampore	...	11.8
Gya	...	6.8				Suburbs of Calcutta	...	10.3
Howrah	...	5.2						
Durbhanga	...	4.7						

5. The mortality referable to Sex, Class and Age stood as follows:—

According to Sex.		Ratio per mille.	According to Class.		Ratio per mille.	According to Age.		Ratio per mille.
Males	...	25.2	Christians	...	17.4	Under 1 year	...	149.2
Females	...	24.3	Hindus	...	23.7	1 and under 5 years	...	45.0
Ratio of male deaths to every 100 female deaths	117		Mahomedans	...	27.6	5 " " 10 "	...	16.3
						10 " " 15 "	...	13.1
						15 " " 20 "	...	14.6
						20 " " 30 "	...	16.5
						30 " " 40 "	...	15.0
						40 " " 50 "	...	21.4
						50 " " 60 "	...	25.7
						60 years and upwards	...	54.3

The 30th May 1887.

R. LIDDERDALE, M.D., Deputy Surgeon-General,  
Sanitary Commissioner for Bengal.



Statement showing the Results of the Registration of Births and Deaths in the Principal Municipalities in Bengal during the week ending 14th May 1887.

1		3		5		7		8		9		10		11		12											
DISTRICTS.		NAMES OF MUNICIPAL PALATIES.		POPULATION.				BIRTHS.				DISEASE.				MORTALITY ACCORDING TO—				Sex.							
				Males.		Females.		Total.		Ratio of male births to every 100 female births.		DEATHS FROM—				RATIO PER 1,000 OF POPULATION PER ANNUM.						Ratio of deaths per 1,000 of population per annum in the previous week.		DEATHS.		RATIO PER 1,000 OF POPULATION PER ANNUM.	
												Males.		Females.		Total.		Ratio of male deaths to every 100 female deaths.									
Males.		Females.		Total.		Ratio of male births to every 100 female births.		Ratio of male deaths to every 100 female deaths.		Ratio of male deaths to every 100 female deaths.		Ratio of male deaths to every 100 female deaths.		Ratio of male deaths to every 100 female deaths.													
Burdwan	Burdwan	18,063	16,017	34,080	8	12	12.2	6.1	18.3	200	1	1	4	8	1.5	1.5	3.0	1.5	6.1	12.2	15.2	2	6	5.8	19.5	33	
Midnapore	Midnapore	16,927	16,833	33,760	3	5	4.6	3.1	7.7	150	1	1	6	14	1.5	1.5	6.2	4.6	9.3	21.7	10.8	11	3	33.8	9.7	266	
Hughli	Hughli and Chinsurah	12,179	19,539	31,718	6	9	8.0	12.1	20.1	66	1	1	3	3	1.3	1.3	10.7	4.0	4.0	20.1	29.5	6	9	16.3	24.0	66	
Serampore	Serampore	13,559	12,937	26,496	11	8	21.6	5.9	27.5	566	3	3	6	20	5.9	5.9	15.7	5.9	11.8	39.3	25.5	14	6	53.7	24.1	233	
Howrah	Howrah	3,046	2,464	5,510	1	1	1	9.4	9.4	No male births.	...	...	...	2	...	...	18.9	...	...	18.9	9.4	2	...	34.1	...	No female deaths.	
24-Pargunnah	Suburbs of Calcutta	53,153	37,690	90,843	13	14	27	7.4	8.0	92	9	4	7	27	5.2	5.2	1.1	2.3	4.0	15.5	16.6	15	12	14.7	16.6	125	
Naddea	Kishinagar	7,836	6,979	14,815	...	1	1	...	3.5	3.5	No male births.	...	...	1	6	14.0	...	3.5	...	3.5	21.1	17.5	4	2	26.5	14.9	200
Jessore	Jessore	147,905	104,234	252,139	44	27	71	9.1	5.6	14.7	162	15	50	208	18.2	...	11.2	3.1	10.3	43.9	35.2	119	89	42.0	44.4	133	
Rajahmundry	Rajahmundry	13,263	14,214	27,477	7	14	13.2	13.2	26.5	100	...	...	...	4	...	...	5.6	...	7.5	13.2	15.1	4	3	15.7	11.0	133	
Darjiling	Darjiling	4,028	4,635	8,663	...	...	...	...	...	...	...	...	...	...	...	...	6.0	...	...	6.0	...	...	...	...	...	...	No male deaths.
Dacca	Dacca	13,708	15,979	29,687	2	1	3	5.3	5.3	200	...	...	...	2	...	...	3.5	...	...	3.5	10.5	2	...	7.6	...	...	No female deaths.
Chittagong	Chittagong	4,890	3,665	8,555	...	1	1	...	6.1	6.1	No male births.	...	...	2	...	...	12.2	...	...	12.2	...	...	...	...	...	...	No male deaths.
Tipperah	Tipperah	10,766	9,025	19,791	2	6	8	5.2	15.8	33	...	...	...	1	19	...	42.0	5.2	9.6	49.9	47.3	8	11	38.6	63.4	72	
Patna	Patna	5,029	2,947	7,976	1	...	1	6.5	6.5	No female births.	...	...	...	1	3	...	13.0	...	6.5	19.6	19.6	2	1	20.6	17.6	200	
Gya	Gya	42,782	37,379	80,161	12	3	15	7.8	1.9	9.7	400	2	8	25	1.3	...	5.2	3.9	12.4	12.4	15.5	12	13	14.6	18.1	92	
Shahabad	Shahabad	7,035	4,066	11,101	3	2	5	12.4	8.3	20.7	150	...	...	3	...	...	...	...	...	4.7	29.0	2	1	13.7	10.5	200	
Muzafferpore	Muzafferpore	13,340	8,790	22,130	2	2	4	4.7	4.7	160	...	...	...	2	...	...	27.0	7.7	7.7	42.4	50.1	6	5	38.3	48.6	120	
Durban	Durban	8,153	5,353	13,506	6	6	12	23.1	23.1	100	...	...	...	11	...	...	5.8	2.0	5.5	23.4	29.5	40	32	26.4	20.4	125	
Patna	Patna	78,762	81,475	160,237	16	19	35	5.2	6.2	11.4	84	31	17	72	10.1	...	15.0	4.1	17.1	43.7	45.1	26	35	35.3	52.2	68	
Gya	Gya	38,290	37,831	76,121	24	14	38	16.4	9.6	20.0	171	10	25	64	6.8	...	1.2	1.2	...	5.4	3.6	...	...	...	...	...	No male deaths.
Shahabad	Shahabad	20,965	22,505	43,470	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	No male deaths.
Muzafferpore	Muzafferpore	23,084	19,938	43,022	4	1	5	4.9	1.3	6.1	400	3	11	36	...	...	1.2	1.2	2.4	13.4	14.6	7	4	15.7	10.8	175	
Durban	Durban	35,774	32,322	68,096	21	15	36	16.5	11.8	28.3	140	6	7	25	4.7	...	4.7	5.5	5.5	20.4	21.2	18	8	27.7	12.9	225	
Saran	Saran	56,044	27,205	83,249	3	4	7	2.9	3.9	6.8	75	...	...	3	...	...	1.9	1.9	...	6.8	1.0	1	6	2.0	11.5	16	
Bhagalpur	Bhagalpur	29,640	27,813	57,453	14	14	28	12.6	12.6	25.3	100	3	8	36	2.7	...	11.8	2.7	7.2	27.2	19.0	18	12	31.6	22.4	150	
Monghyr	Monghyr	25,154	29,309	54,463	8	8	16	7.3	7.3	14.5	100	2	6	21	1.8	...	5.4	4.5	5.4	19.0	19.9	9	12	16.6	21.2	75	
Purneah	Purneah	8,453	15,016	23,469	1	...	1	3.5	...	3.5	...	...	...	1	4	...	10.3	...	...	3.5	20.8	4	...	24.6	...	No female deaths.	
Poor	Poor	13,247	11,537	24,784	4	4	8	3.4	8.4	16.8	100	...	9	17	...	...	10.5	6.3	18.9	35.7	35.7	8	9	31.4	40.6	88	
TOTAL		1,019,000	1,019,000	2,038,000	215	168	383	8.5	6.0	15.1	137	161	7	206	74	629	6.4	3	8.1	2.9	25.7	25.7	340	289	25.2	24.3	117

The number of the natives in the municipalities in the week ending 14th May 1887.

## MORTALITY ACCORDING TO—

Age.

RATIO PER 1,000 OF POPULATION PER ANNUM.

DEATHS.

RATIO PER 1,000 OF POPULATION PER ANNUM.

DEATHS AMONG—

Class.

NAMES OF MUNICIPALITIES.

	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and up.
Burdwan	...	13.2	10.1	...	...	1	...	...	...	...	78.8	...	44.6	...	16.6	...	15.1	23.5	...	...
Midnapore	...	22.1	21.6	...	...	1	...	...	...	...	70.0	...	18.9	...	16.6	...	...	27.9	25.2	113.7
Hughli	...	14.8	45.7	...	...	5	...	...	...	...	275.7	19.5	...	...	35.1	18.6	14.8	10.1	15.9	20.7
Serampore	...	37.1	110.9	...	...	6	...	...	...	...	439.4	28.8	41.4	...	...	29.0	10.5	46.5	81.5	37.4
Utterpara	...	19.5	...	...	...	...	...	...	...	...	...	123.5	...	...	...	45.2	...	...	...	...
Howrah	...	14.5	20.3	...	...	5	...	...	...	...	126.0	37.5	8.3	15.8	...	6.9	2.7	25.5	...	69.3
Bali	...	15.5	79.3	...	...	2	...	...	...	...	287.3	104.1	48.8	...	...	...	18.6	...	...	...
Suburbs of Calcutta	...	38.5	49.9	...	...	23	...	...	...	...	231.0	103.0	25.5	29.0	40.4	24.0	23.2	30.6	46.0	87.6
Kishinagar	...	91.7	56.2	...	...	2	...	...	...	...	209.7	...	45.4	...	...	...	12.1	...	...	30.1
Ranghat	...	7.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	91.4
Santipore	...	5.0	...	...	...	1	...	...	...	...	61.5	...	...	...	...	...	...	14.8	...	...
Jessore	...	11.5	13.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	49.5	92.4	...
Rampore Beaulah	...	47.2	53.0	...	...	2	...	...	...	...	256.2	229.1	...	98.9	31.3	25.0	43.3	...	53.8	108.0
Darjiling	...	22.6	84.7	...	...	...	...	...	...	...	...	...	...	...	...	...	36.3	...	425.2	...
Dacca	...	18.1	14.5	...	...	3	...	...	...	...	82.2	35.3	5.2	6.5	7.1	33.9	4.5	37.2	25.0	37.3
Narainganje	...	...	25.3	...	...	1	...	...	...	...	186.4	...	...	...	...	...	...	...	66.4	79.8
Chittagong	...	...	6.8	...	...	...	...	...	...	...	...	26.4	...	...	...	11.2	...	...	...	...
Comillah	...	25.2	46.3	...	...	1	...	...	...	...	175.1	...	31.9	35.6	82.7	...	25.1	39.6	64.9	230.1
Patna City	...	27.5	11.4	...	...	9	...	...	...	...	108.6	21.4	27.8	18.1	14.0	7.2	17.9	16.6	36.8	45.2
Gya	...	43.3	45.3	...	...	9	...	...	...	...	201.5	114.6	57.5	39.9	9.9	17.7	4.1	47.9	23.7	101.0
Arrah	...	3.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8.1	...	...	15.0
Muzafferpoore	...	13.9	12.5	...	...	4	...	...	...	...	217.8	38.6	...	13.1	...	18.2	...	...	...	...
Durbhanga	...	14.0	38.5	...	...	2	...	...	...	...	66.8	34.2	13.3	...	...	15.6	23.3	21.0	11.9	65.1
Chupra	...	5.1	13.0	...	...	2	...	...	...	...	72.0	...	...	...	...	10.9	6.4	8.3	12.3	...
Bhagulpore	...	27.5	27.2	...	...	1	...	...	...	...	43.6	86.5	...	16.5	12.4	9.5	24.4	32.4	24.4	73.2
Monghyr	...	22.1	8.3	...	...	5	...	...	...	...	175.1	33.4	7.4	18.1	13.8	10.1	5.8	...	...	75.5
Purneah	...	17.0	9.2	...	...	...	...	...	...	...	...	43.0	...	...	...	...	36.5	...	...	...
Poori	...	39.0	...	...	...	2	...	...	...	...	343.2	...	...	...	...	88.6	77.0	...	...	...
TOTAL	4	25.7	27.6	...	...	87	95	41	29	28	149.2	45.0	16.3	13.1	14.6	16.5	15.0	21.4	25.7	54.3

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,  
The 30th May 1887.R. LIDDERDALE, M.D., Deputy Surgeon-General,  
Sanitary Commissioner for Bengal.

## CIRCULAR AND EASTERN CANALS.

*Approximate Return of Traffic for the week ending Saturday, the 21st May 1887, compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 21ST MAY 1887.			WEEK ENDING SATURDAY, THE 22ND MAY 1886.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	258	51,780	870	269	74,399	1,905
Jute ...	5	1,700	39	14	9,000	166
Firewood ...	72	34,000	480	179	99,000	1,453
Other articles ...	638	1,67,521	2,562	756	3,04,111	3,792
Total ...	973	2,55,001	3,951	1,248	4,86,510	6,751

## CIRCULAR AND EASTERN CANALS.

*Approximate Return of Traffic for the week ending Saturday, the 28th May 1887, compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 28TH MAY 1887.			WEEK ENDING SATURDAY, THE 29TH MAY 1886.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	242	41,020	631	189	48,666	870
Jute ...	9	8,950	167	7	5,000	56
Firewood ...	68	36,575	536	125	56,811	761
Other articles ...	618	1,48,425	2,327	544	1,36,715	1,964
Total ...	937	2,34,970	3,661	865	2,47,192	3,651



## Weekly Return of Traffic Receipts on Indian Railways.

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 21st May 1887, on 1,519 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	255,541	2,50,890 7 0	30,77,949 20	7,37,151 4 0	19,573 5 0	10,07,615 0 0	66,737½	123,735½	190,473½
Or per mile of railway ...	.....	165 2 8	.....	485 4 7	12 14 2	663 5 5	.....	.....	.....
For previous 19 weeks of half-year ...	4,923,202	56,78,359 12 0	5,12,51,210 10	1,31,58,485 6 8	3,52,688 14 4	1,91,89,534 0 7	1,312,878½	2,164,361	3,477,239½
Total for 20 weeks ...	5,178,743	59,29,250 3 0	5,43,32,139 30	1,38,95,636 10 3	3,72,262 3 4	2,01,97,149 0 7	1,379,616	2,288,096½	3,667,712½
COMPARISON.									
Total for corresponding week of previous year ...	244,926	2,35,522 14 11	31,12,671 0	7,87,771 10 0	18,548 11 3	10,41,843 4 2	63,817	132,760	196,577
Per mile of railway corresponding week of previous year ...	.....	155 7 5	.....	519 15 8	12 3 11	687 11 0	.....	.....	.....
Total to corresponding date of previous year ...	4,910,044½	56,86,638 4 6	5,67,83,454 10	1,39,94,934 9 6	4,39,899 15 6	2,00,31,472 13 6	1,353,273	2,357,927	3,709,300

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 21ST MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 21ST MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
1,518	Rs. 10,41,843	Rs. 688	1,519	Rs. 10,07,615	Rs. 663	1,515	Rs. 76,18,893	Rs. 5,029	1,519	Rs. 74,72,826	Rs. 4,929	.....	1,46,067

## PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 21st May 1887, on 57½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	12,814	5,613 7 0	59,043 30	2,579 10 0	60 8 0	8,553 9 0	1,425	969	2,394
Or per mile of railway ...	224	98 2 2	875 0	50 5 6	1 0 11	149 8 7	.....	.....	.....
For previous 19 weeks of half-year ...	274,206	1,45,718 15 0	11,32,863 30	67,842 12 9	1,040 15 0	2,14,602 10 9	32,281	17,682	49,963
Total for 20 weeks ...	287,020	1,51,322 6 0	11,82,907 20	70,722 6 9	1,101 7 0	2,23,156 3 9	33,706	18,651	52,357
COMPARISON.									
Total for corresponding week of previous year ...	11,695	4,947 0 10	59,968 20	3,685 14 0	27 7 0	8,660 5 10	1,532	862	2,394
Per mile of railway corresponding week of previous year ...	204	86 7 10	1,048 20	64 7 0	0 7 8	151 6 6	.....	.....	.....
Total to corresponding date of previous year ...	267,584½	1,40,576 5 0	10,90,937 30	78,608 13 0	1,026 5 0	2,20,211 7 0	33,730	18,510	52,240

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 21ST MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 21ST MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
57½	Rs. 8,660	Rs. 151	57½	Rs. 8,554	Rs. 150	57½	Rs. 86,811	Rs. 1,518	57½	Rs. 74,839	Rs. 1,309	.....	1,912



## DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 21st May 1887, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,285	544 5 0	17,299 10	546 7 0	9 7 0	1,100 3 0	257½	236	493½
Or per mile of railway ...	.....	45 5 9	.....	45 8 7	0 12 7	91 10 11	.....	.....	.....
For previous 19 weeks of half-year ...	57,637	9,670 12 0	3,88,601 0	10,728 6 0	162 12 9	20,561 14 9	6,419	3,028	9,447
Total for 20 weeks ...	60,922	10,215 1 0	4,05,300 10	11,274 13 0	172 3 9	21,662 1 9	6,676½	3,264	9,940½
COMPARISON.									
Total for corresponding week of previous year ...	3,525½	509 8 6	28,883 30	974 15 0	29 12 0	1,604 3 6	212	281	493
Per mile of railway corresponding week of previous year ...	.....	49 15 5	.....	81 3 11	2 7 8	133 11 0	.....	.....	.....
Total to corresponding date of previous year ...	57,598½	9,880 2 3	6,80,191 20	12,117 1 0	974 15 9	22,972 3 0	4,238	5,960	10,198

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 21ST MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 21ST MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
12	1,604	134	12	1,100	92	12	10,735	895	12	8,850	738	.....	1,885

## SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 21st May 1887, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	5,826	4,176 0 0	99,795 30	3,209 6 0	136 5 0	7,571 11 0	706	1,284½	1,990½
Or per mile of railway ...	.....	55 13 3	.....	43 9 2	1 13 2	101 3 7	.....	.....	.....
For previous 19 weeks of half-year ...	112,893	86,745 11 0	19,68,278 20	56,872 8 6	2,009 8 0	1,75,687 11 6	14,265½	22,987½	37,253
Total for 20 weeks ...	118,719	90,921 11 0	20,67,984 10	60,131 14 6	2,205 13 0	1,83,259 6 6	14,971½	24,271½	39,243
COMPARISON.									
Total for corresponding week of previous year ...	5,106½	3,645 2 3	47,204 20	2,181 1 6	70 7 3	5,896 11 0	756	643	1,399
Per mile of railway corresponding week of previous year ...	.....	48 11 8	.....	29 2 7	0 15 1	78 13 4	.....	.....	.....
Total to corresponding date of previous year ...	114,021½	90,293 15 5	16,46,439 20	70,513 11 6	2,084 13 9	1,62,894 8 8	22,804	21,979	44,783

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 21ST MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 21ST MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
74½	5,897	79	74½	2,572	101	74½	56,687	750	74½	61,942	828	5,855	.....